

SECTION 5

5.0 FIELD TRIP REPORT

5.1 Summary

On Tuesday, April 18, 1989, NUS FIT 3 members Kevin Coston, Paul Persing, and Janis Hottinger visited the Corning Glass Works site in Charleroi, Pennsylvania. Corning Glass Works representatives John P. Helferstein, senior project engineer, and John L. Cherill, regional environmental control engineer, granted site access and accompanied the team during the site visit. Weather conditions were warm and clear, and the temperature was 60°F. Photographs were taken on site. Although 12 pictures were taken, only 4 could be developed (see figure 5.1, page 5-3, and the photograph log, section 5.4).

5.2 Persons Contacted

5.2.1 Prior to Field Trip

John P. Helferstein
Senior Project Engineer
Facilities and Industrial Engineering
Corning Glass Works
Charleroi, Pennsylvania 15022
(412) 489-2275

Edward Farrell
PA DER
Highland Building
121 South Highland Avenue
Pittsburgh, Pennsylvania 15206
(412) 645-7100

Bernice Pasquini
U.S. EPA
841 Chestnut Building
Ninth and Chestnut Streets
Philadelphia, Pennsylvania 19107
(215) 597-1268

5.2.2 At the Site

John P. Helferstein
Senior Project Engineer
Facilities and Industrial Engineering
Corning Glass Works
Charleroi, Pennsylvania 15022
(412) 489-2275

John L. Cherill
Supervisor
Environmental Control Engineering
Corning Glass Works
Corning, New York 14831
(607) 974-6398

5.2.3 Water Supply Well Information

The majority of the study area is supplied by public water. There are no home wells within 1.5 miles of the site.

5.3 Site Observations

- The mini-alert was set on the X1 position; no readings above background were recorded.
- The background HNU reading was 0.35 ppm.
- An HNU reading of 2.2 ppm above background was recorded when the probe was placed in an abandoned oil skimmer containment bin.
- The property was totally fenced. All access was restricted by 24-hour security.
- Oil stains were located around the underground waste oil tank inlet pipes.
- Floor drains were located throughout the UF building, the MF building, and the various warehouses.
- A drain was located directly under the baghouse dust collection system.
- An abandoned oil skimmer was observed as having an oil sheen and a rust color liquid.

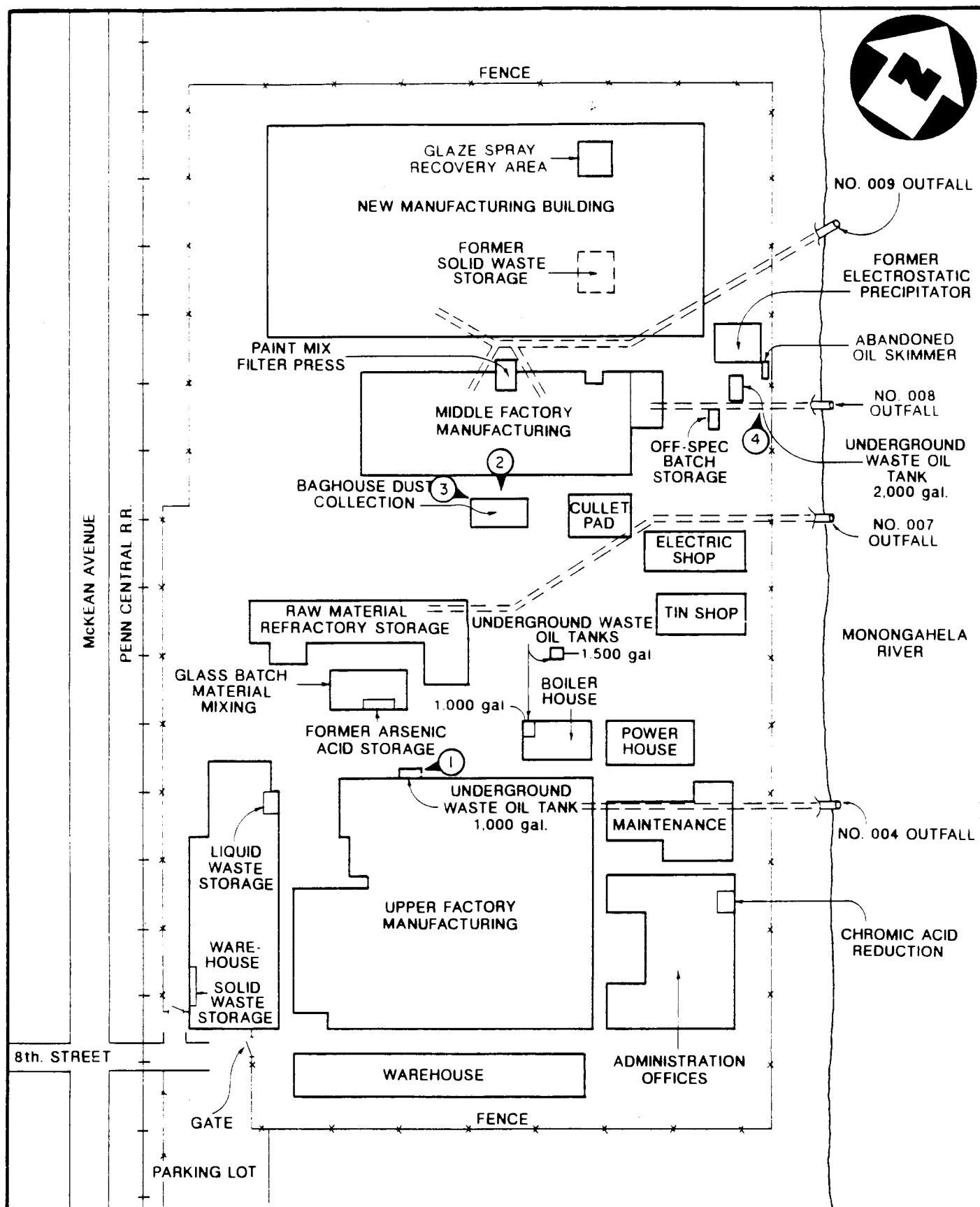


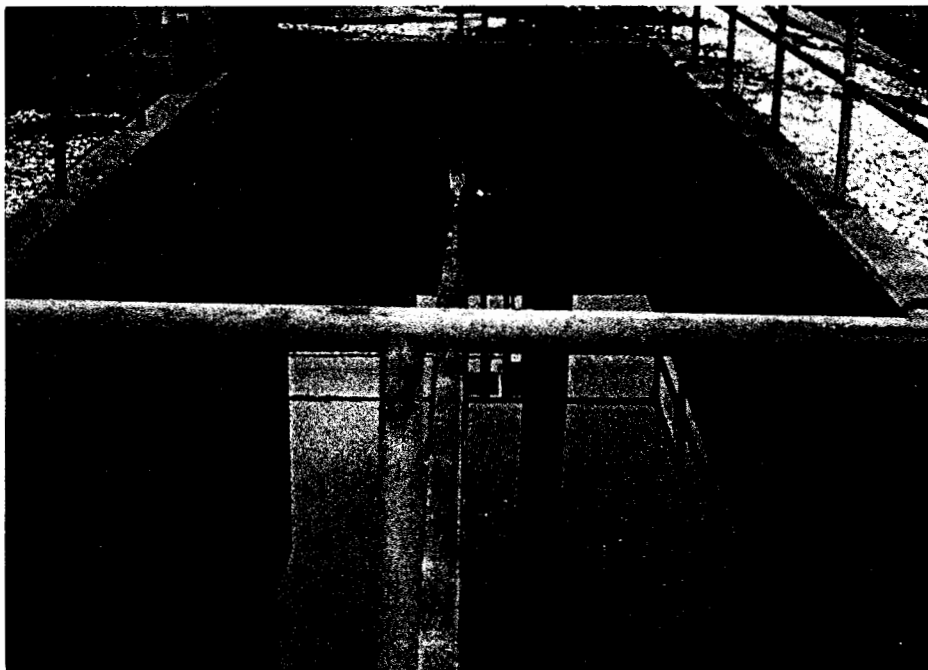
PHOTO LOCATION MAP
CORNING GLASS WORKS
(NO SCALE)

FIGURE 5.1





—
— Photo 3
— Southeast View of Paint
Baghouse Dust Collector. —
—



—
— Photo 4
— North View of Abandoned
Oil Skimmer. —
—

11:28

Paul Persing 4/18/89

for
K. Co.

Paint Baghouse
Dust Collector
View Southeast

Corning Glass Works
F3-8903-29
PA-2453
R, P
Photos

Corning Glass Works
F3-8903-29
PA-2453

R, P
Photo 4

Abandoned Oil Skimmer
View North

Kevin Coston

Kevin Coston 4/18/89

11:50

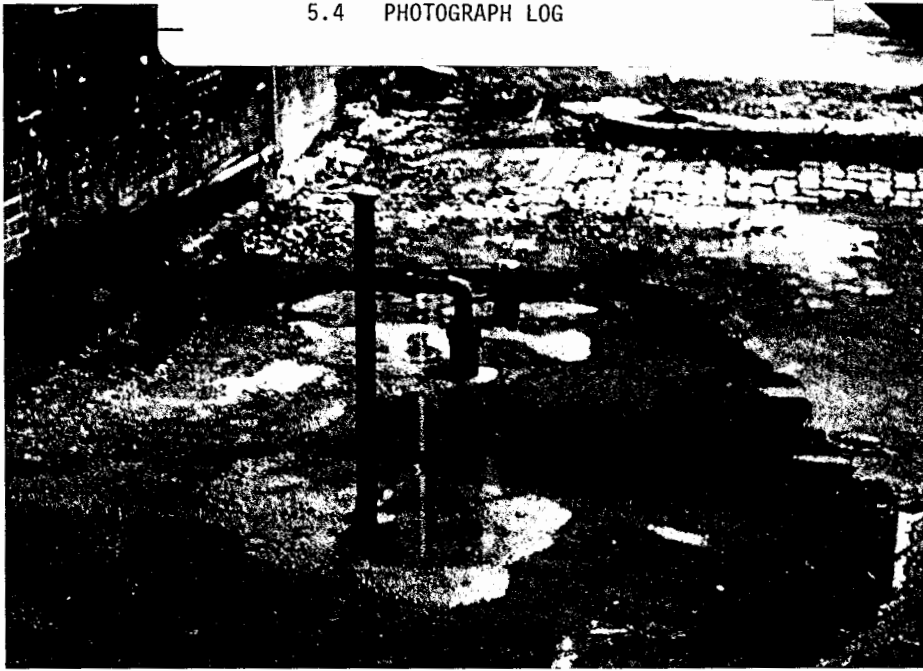


Photo 1
South View of Underground Waste
Oil Tank.

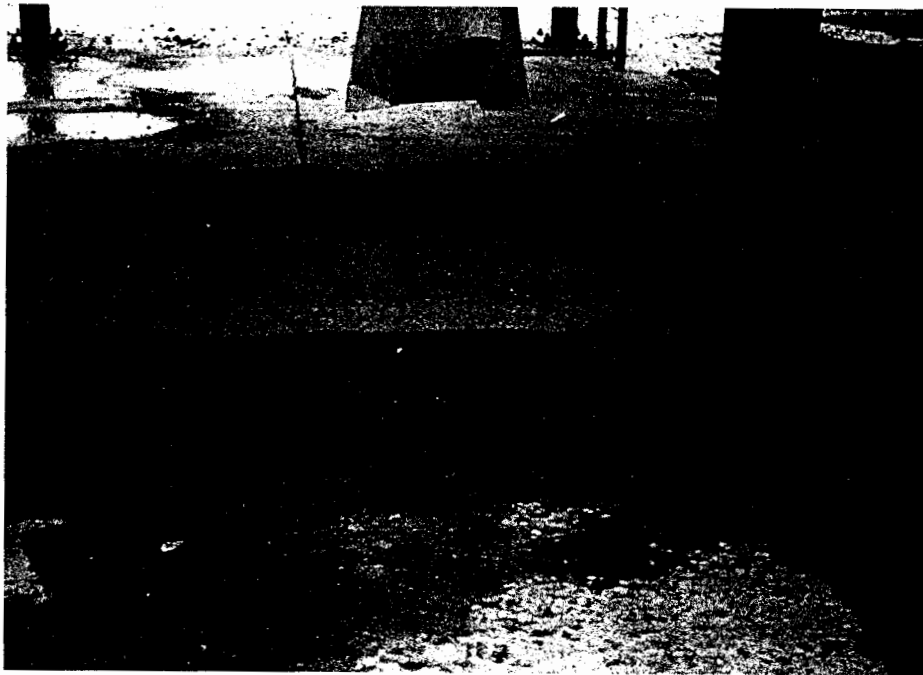


Photo 2
Southeast View of Baghouse
Drain Collector.

Corning Glass Works
F3-8903-29
PA-2463

R, P3
Photo 1

Underground Waste
Oil Tank
View South

Ken Cuth
for

Paul Persing 4/18/89

10:57

Corning Glass Works
F3-8903-29
PA-2453

R, P⁷
Photo 2

Baghouse Drain
Collector
View Southeast

Ken Cuth
for

Paul Persing 4-18-89

11:15



**POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART 1 - SITE INFORMATION AND ASSESSMENT**

I. IDENTIFICATION

01 STATE	02 SITE NUMBER
PA	2453

II. SITE NAME AND LOCATION

01 SITE NAME (Legal, common, or descriptive name of site)		02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER			
Corning Glass Works		Eighth Street and McKean Avenue			
03 CITY	04 STATE	05 ZIP CODE	06 COUNTY	07 COUNTY CODE	08 CONG DIST
Charleroi	PA	15022	Washington	125	
09 COORDINATES LATITUDE		LONGITUDE			
40° 08' 42" N		79° 53' 40" W			
10 DIRECTIONS TO SITE (Starting from nearest public road)					
Take Route 88 into Charleroi, Pennsylvania. Follow Route 88 to Eighth Street and turn left. Corning Glass Works is straight ahead.					

III. RESPONSIBLE PARTIES

01 OWNER (If known)		02 STREET (Business, mailing, residential)			
Corning Glass Works		HP - ME 01			
03 CITY	04 STATE	05 ZIP CODE	06 TELEPHONE NUMBER		
Corning	NY	14831	(607) 974-6398		
07 OPERATOR (If known and different from owner)		08 STREET (Business, mailing, residential)			
N/A					
09 CITY	10 STATE	11 ZIP CODE	12 TELEPHONE NUMBER		
			()		
13 TYPE OF OWNERSHIP (Check one)					
<input checked="" type="checkbox"/> A. PRIVATE <input type="checkbox"/> B. FEDERAL: _____ (Agency name) <input type="checkbox"/> C. STATE <input type="checkbox"/> D. COUNTY <input type="checkbox"/> E. MUNICIPAL <input type="checkbox"/> F. OTHER: _____ (Specify) <input type="checkbox"/> G. UNKNOWN					
14 OWNER/OPERATOR NOTIFICATION ON FILE (Check all that apply)					
<input checked="" type="checkbox"/> A. RCRA 3001 DATE RECEIVED: <u>8 / 6 / 80</u> <input type="checkbox"/> B. UNCONTROLLED WASTE SITE (CERCLA 103 c) DATE RECEIVED: _____ / _____ / _____ <input type="checkbox"/> C. NONE MONTH DAY YEAR MONTH DAY YEAR					

IV. CHARACTERIZATION OF POTENTIAL HAZARD

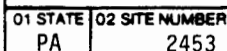
01 ON SITE INSPECTION		BY (Check all that apply)			
<input checked="" type="checkbox"/> YES DATE <u>4 / 18 / 89</u> <input type="checkbox"/> NO MONTH DAY YEAR		<input type="checkbox"/> A. EPA <input checked="" type="checkbox"/> B. EPA CONTRACTOR <input type="checkbox"/> C. STATE <input type="checkbox"/> D. OTHER CONTRACTOR <input type="checkbox"/> E. LOCAL HEALTH OFFICIAL <input type="checkbox"/> F. OTHER: _____ (Specify)			
		CONTRACTOR NAME(S): <u>NUS Corporation, FIT 3</u>			
02 SITE STATUS (Check one)		03 YEARS OF OPERATION			
<input checked="" type="checkbox"/> A. ACTIVE <input type="checkbox"/> B. INACTIVE <input type="checkbox"/> C. UNKNOWN		<u>1936</u> <u>present</u> <input type="checkbox"/> UNKNOWN BEGINNING YEAR ENDING YEAR			
04 DESCRIPTION OF SUBSTANCES POSSIBLY PRESENT, KNOWN, OR ALLEGED					
Waste oil in underground tanks; chromic acid; baghouse dust that contains lead, iron, selenium, and cobalt.					
05 DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND/OR POPULATION					
None					

V. PRIORITY ASSESSMENT

01 PRIORITY FOR INSPECTION (Check one. If high or medium is checked, complete Part 2 - Waste Information and Part 3 - Description of Hazardous Conditions and Incidents)			
<input type="checkbox"/> A. HIGH (Inspection required promptly) <input type="checkbox"/> B. MEDIUM (Inspection required) <input type="checkbox"/> C. LOW (Inspect on time available basis) <input checked="" type="checkbox"/> D. NONE (No further action needed, complete current disposition form)			

VI. INFORMATION AVAILABLE FROM

01 CONTACT		02 OF (Agency, Organization)		03 TELEPHONE NUMBER	
Bernice Pasquini		U.S. EPA		(215) 597-1268	
04 PERSON RESPONSIBLE FOR ASSESSMENT		05 AGENCY	06 ORGANIZATION	07 TELEPHONE NUMBER	08 DATE
Kevin Coston		NUS	FIT 3	(215) 687-9510	<u>5 / 10 / 89</u> MONTH DAY YEAR



<input checked="" type="checkbox"/> A. TOXIC	<input type="checkbox"/> E SOLUBLE	<input type="checkbox"/> I HIGHLY VOLATILE
<input checked="" type="checkbox"/> B. CORROSIVE	<input checked="" type="checkbox"/> F. INFECTIOUS	<input type="checkbox"/> J. EXPLOSIVE
<input type="checkbox"/> C. RADIOACTIVE	<input type="checkbox"/> G. FLAMMABLE	<input type="checkbox"/> K. REACTIVE
<input type="checkbox"/> D. PERSISTENT	<input type="checkbox"/> H. IGNITABLE	<input type="checkbox"/> L. INCOMPATIBLE
		<input type="checkbox"/> M. NOT APPLICABLE



POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE PA 02 SITE NUMBER 2453

II. HAZARDOUS CONDITIONS AND INCIDENTS

01 ☒ A. GROUNDWATER CONTAMINATION 02 ☒ OBSERVED (DATE: 6/17/79) ☐ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: 1011 people 04 NARRATIVE DESCRIPTION

Approximately 25 gallons of fuel oil discharged from an underground distribution line.

01 ☒ B. SURFACE WATER CONTAMINATION 02 ☒ OBSERVED (DATE: *) ☐ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION
Three oil releases into the Monongahela River have been documented. Corrective actions have been taken after each incident.

* OBSERVED DATES: 1/13/82 , 8/31/79 , 6/17/79.

01 ☐ C. CONTAMINATION OF AIR 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

None reported or observed.

01 ☐ D. FIRE EXPLOSIVE CONDITIONS 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

None reported or observed.

01 ☐ E. DIRECT CONTACT 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

None reported or observed.

01 ☒ F. CONTAMINATION OF SOIL 02 ☒ OBSERVED (DATE: 6/17/79) ☐ POTENTIAL ☐ ALLEGED
03 AREA POTENTIALLY AFFECTED: _____ (Acres) 04 NARRATIVE DESCRIPTION

Approximately 25 gallons of fuel oil discharged from an underground distribution line.

01 ☒ G. DRINKING WATER CONTAMINATION 02 ☒ OBSERVED (DATE: 6/17/79) ☐ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: 1011 people 04 NARRATIVE DESCRIPTION

Approximately 25 gallons of fuel oil discharged from an underground distribution line.

01 ☐ H. WORKER EXPOSURE/INJURY 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
03 WORKERS POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

None reported or observed.

01 ☒ I. POPULATION EXPOSURE/INJURY 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: 3-mile radius 04 NARRATIVE DESCRIPTION

Oil releases to the Monongahela River have been documented. The river is used recreationally.

OBSERVED DATES: 1/13/82 , 12/10/79 , 8/31/79 , 6/17/79



POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE	02 SITE NUMBER
PA	2453

II. HAZARDOUS CONDITIONS AND INCIDENTS (Continued)

01 ☐ J. DAMAGE TO FLORA
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

None reported or observed.

01 ☐ K. DAMAGE TO FAUNA
04 NARRATIVE DESCRIPTION (include name(s) of species)

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

None reported or observed.

01 ☐ L. CONTAMINATION OF FOOD CHAIN
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

None reported or observed.

01 ☒ M. UNSTABLE CONTAINMENT OF WASTES
(Spills, runoff, standing liquids, leaking drums)

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

03 POPULATION POTENTIALLY AFFECTED: _____

04 NARRATIVE DESCRIPTION

Four oil releases have been documented for the site.

OBSERVED DATES: 1/13/82 , 12/10/79 , 8/31/79 , 6/17/79

01 ☐ N. DAMAGE TO OFFSITE PROPERTY
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

None reported or observed.

01 ☐ O. CONTAMINATION OF SEWERS, STORM DRAINS, WWTPs
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

None reported or observed.

01 ☐ P. ILLEGAL/UNAUTHORIZED DUMPING
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

None reported or observed.

05 DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL, OR ALLEGED HAZARDS

None reported or observed.

III. TOTAL POPULATION POTENTIALLY AFFECTED: 3-mile radius

IV. COMMENTS

None

V. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

Corning Glass Works - Charleroi Plant. Preparedness, Prevention, and Contingency Plan. April 1, 1987.

SECTION 6

6.0 REFERENCES FOR SECTIONS 1.0 THROUGH 5.0

1. United States Geological Survey. Monongahela, Pennsylvania Quadrangle, 7.5 Minute Series. Topographic Map. 1954, photorevised 1979. Combined with Donora, Pennsylvania, Quadrangle, 7.5 Minute Series. Topographic Map. 1954, photorevised 1979; Fayette City, Pennsylvania Quadrangle, 7.5 Minute Series. Topographic Map. 1954, photorevised 1979; and California, Pennsylvania Quadrangle, 7.5 Minute Series. Topographic Map. 1954, photorevised 1979.
2. NUS Corporation, FIT 3. Preliminary assessment; site visit. TDD No. F3-8903-29, April 18, 1989.
3. Helferstein, John, Senior Project Engineer of Corning Glass Works, with Kevin Coston, NUS FIT 3. Meeting. April 18, 1989.
4. Cherill, John, Supervisor of Engineer Control of Corning Glass Works, with Kevin Coston, NUS FIT 3. Meeting. April 18, 1989.
5. Siner, James D., Operations Manager of Corning Glass Works, to Stephen R. Wassersug, Director of Hazardous Waste Management, United States Environmental Protection Agency. Correspondence. June 2, 1986.
6. United States Environmental Protection Agency. Notification of Hazardous Waste Activity. Form Approved OMB No. 158-579016, August 6, 1980.
7. Helferstein, John, Corning Glass Works, with Kevin Coston, NUS FIT 3. Telecon. May 15, 1989.
8. United States Environmental Protection Agency. Consolidated Permits Program. General Information. Form Approved OMB No. 158-R0175, Section X11. November 17, 1980.
9. United States Environmental Protection Agency, Resource Conservation and Recovery Act Permit Section, Air and Waste Management Division, to John Cherill, Corning Glass Works. Correspondence. January 2, 1981.

10. United States Environmental Protection Agency, Region III, Resource Conservation and Recovery Act Permit Section, Air and Waste Management Division, to Mr. J. Reidelbach, Corning Glass Works. Correspondence. July 21, 1981.
11. Cherill, John L., Corning Glass Works, to Charles A. Duritsa, Pennsylvania Department of Environmental Resources. Correspondence. February 4, 1985.
12. Duritsa, Charles, Pennsylvania Department of Environmental Resources, to John Cherill, Corning Glass Works. Correspondence. February 18, 1983.
13. Cohanelo, Tony, Pennsylvania Department of Environmental Resources, to Jeffrey S. Yoskosky, Corning Glass Works. Correspondence. February 17, 1980.
14. Pennsylvania Department of Environmental Resources. Notification of Hazardous Waste Activity Form for Change in Waste and Activity. February 7, 1985.
15. Cherill, John L., Corning Glass Works, to the Pennsylvania Department of Environmental Resources. Correspondence (attached to Notification of Hazardous Waste Activity). February 1, 1985.
16. Helferstein, John, Corning Glass Works, with Kevin Coston, NUS FIT 3. Telecon. May 12, 1989.
17. United States Environmental Protection Agency. Notification of Hazardous Waste Activity, Form Approved OMB No. 2050-0028, August 29, 1986.
18. United States Environmental Protection Agency. Notification of Hazardous Waste Activity. Form Approved OMB No. 2050-0028, October 22, 1986.
19. Wassersug, Stephen R., United States Environmental Protection Agency, to C. R. Stenski, Corning Glass Works. Correspondence (Solid Waste Management Unit Letter). April 17, 1986.
20. Duritsa, Charles A., Pennsylvania Department of Environmental Resources, to James Selner, Corning Glass Works. Notice of Violation. October 23, 1986.

21. Farrell, Edward, Pennsylvania Department of Environmental Resources, to Jeff S. Yoskosky, Corning Glass Works. Notice of Violation. August 7, 1987.
22. Corning Glass Works, Charleroi Plant. Preparedness, Prevention and Contingency Plan. April 1, 1987.
23. Murray, C.E., Manager, Authority of the Borough of Charleroi. Water Supply Questionnaire. June 22, 1987.
24. Washington County Planning Commission. Public Water Systems of Washington County. 1980.
25. United States Environmental Protection Agency, TR Federal Reporting Data System. Community Public Water Supplies in Region III. 1988.
26. Pennsylvania Department of Environmental Resources. Title 25. Rules and Regulations, Part 1. Department of Environmental Resources. Subpart C. Protection of Natural Resources. Article II. Water Resources, Chapter 93. Water Quality Standards, pages 28 and 93.
27. United States Department of the Interior, Fish and Wildlife Service. Monongahela, Pennsylvania Quadrangle. National Wetlands Inventory Map. 1977.
28. Newport, T.G., Pennsylvania Geological Survey. Summary Ground-Water Resources of Washington County, Pennsylvania. Water Resource Report 38, 1973.
29. Kent, B.H., et al., Pennsylvania Geological Survey. Geology and Land Use in Eastern Washington County, Pennsylvania. General Geology Report 56, 1974.
30. Geyer, A.R., and J.P. Wilshusen, Pennsylvania Department of Environmental Resources. Engineering Characteristics of the Rocks of Pennsylvania. Environmental Geology Report 1, 1982.
31. United States Department of Agriculture, Soil Conservation Service. Soil Survey of Greene and Washington Counties, Pennsylvania. 1983.

32. National Oceanic and Atmospheric Administration. Climatology of the United States. No. 20, Climate of Pennsylvania. Donora, Pennsylvania. June 1982.
33. United States Department of Commerce. Climatic Atlas of the United States. Normal Annual Total Precipitation. National Climatic Center, Asheville, North Carolina. 1979.
34. United States Department of Commerce. Climatic Atlas of the United States. Mean Annual Lake Evaporation. National Climatic Center, Asheville, North Carolina. 1979.
35. United States Department of Commerce. Climatic Atlas of the United States. One-Year, 24-Hour Rainfall. United States Governmental Printing Office. Washington, D.C. 1963.
36. Rand McNally. Commercial Reference Map and Guide. Pennsylvania. 1983.
37. Kulp, Charles, United States Department of the Interior, Fish and Wildlife Service, to Garth Glenn, NUS FIT 3. Correspondence. May 11, 1989.
38. Helferstein, John, Corning Glass Works, with Kevin Coston, NUS FIT 3. Telecon. May 17, 1989.
39. Helferstein, John, Corning Glass Works, with Kevin Coston, NUS FIT 3. Telecon. May 23, 1989.
40. Helferstein, John, Corning Glass Works, with Kevin Coston, NUS FIT 3. Telecon. September 1, 1989.

APPENDIX A



RECEIVED

PLEASE PLACE LABEL IN THIS SPACE

CONTINUE ON B

WPA0004326542

IX. DESCRIPTION OF HAZARDOUS WASTES (continued from front)**A. HAZARDOUS WASTES FROM NON-SPECIFIC SOURCES.** Enter the four-digit number from 40 CFR Part 261.31 for each listed hazardous waste from non-specific sources your installation handles. Use additional sheets if necessary.

1 F 0 0 6 23 - 26	2 F 0 0 7 23 - 26	3 F 0 0 8 23 - 26	4 F 0 0 9 23 - 26	5 F 0 0 1 23 - 26	6 F 0 1 7 23 - 26
7 23 - 26	8 23 - 26	9 23 - 26	10 23 - 26	11 23 - 26	12 23 - 26

B. HAZARDOUS WASTES FROM SPECIFIC SOURCES. Enter the four-digit number from 40 CFR Part 261.32 for each listed hazardous waste from specific industrial sources your installation handles. Use additional sheets if necessary.

13 23 - 26	14 23 - 26	15 23 - 26	16 23 - 26	17 23 - 26	18 23 - 26
19 23 - 26	20 23 - 26	21 23 - 26	22 23 - 26	23 23 - 26	24 23 - 26
25 23 - 26	26 23 - 26	27 23 - 26	28 23 - 26	29 23 - 26	30 23 - 26

C. COMMERCIAL CHEMICAL PRODUCT HAZARDOUS WASTES. Enter the four-digit number from 40 CFR Part 261.33 for each chemical substance your installation handles which may be a hazardous waste. Use additional sheets if necessary.

31 P 0 1 0 23 - 26	32 D 0 0 4 23 - 26	33 D 0 0 5 23 - 26	34 D 0 0 6 23 - 26	35 D 0 0 7 23 - 26	36 D 0 0 8 23 - 26
37 23 - 26	38 23 - 26	39 23 - 26	40 23 - 26	41 23 - 26	42 23 - 26
43 U 0 1 3 23 - 26	44 23 - 26	45 23 - 26	46 23 - 26	47 23 - 26	48 23 - 26

D. LISTED INFECTIOUS WASTES. Enter the four-digit number from 40 CFR Part 261.34 for each listed hazardous waste from hospitals, veterinary hospitals, medical and research laboratories your installation handles. Use additional sheets if necessary.

49 23 - 26	50 23 - 26	51 23 - 26	52 23 - 26	53 23 - 26	54 23 - 26
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E. CHARACTERISTICS OF NON-LISTED HAZARDOUS WASTES. Mark "X" in the boxes corresponding to the characteristics of non-listed hazardous wastes your installation handles. (See 40 CFR Parts 261.21 - 261.24.)☐ 1. IGNITABLE
(D001)☒ 2. CORROSIVE
(D002)☐ 3. REACTIVE
(D003)☒ 4. TOXIC
(D004)**X. CERTIFICATION**

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

SIGNATURE <i>M. J. Reidelbach</i>	NAME & OFFICIAL TITLE (type or print) M. J. Reidelbach, Plant Manager	DATE SIGNED 8-6-80
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DECLARATION

Before starting:

PA D0 04 3 2 6 54 2

THE NEW YORK PUBLIC LIBRARY

2. polynomial time in order

WORKING ADDRESS

100-443887-100

100-8547

PLACE LABEL IN THIS SPACE

[illegible]

RELEVANT CHARACTERISTICS

IMPORTANT: Complete A through D, and submit the permit application to the appropriate State listed in the instructions following. If you answer "no" to any question, you are exempt and need not submit a permit application. If you answer "yes" to any question, you must submit a permit application. If you answer "yes" to any question, you must not submit a permit application if you are exempt under Section 6 of the Intercoastal Sea Act, Section 5 of the Intercoastal Water Management Act, or Section 10 of the Intercoastal Water Management Act.

QUESTION	YES	NO	OTHER
1. Is this a proposed facility (other than those listed in A or B above) which will result in a discharge of pollutants into U.S. waters?		X	
2. Is this a proposed facility (other than those listed in A or B above) which will result in a discharge of pollutants into U.S. waters?	X		
3. Does or will this facility treat, store, or dispose of hazardous wastes? (FORM 3)	X		X
4. Does or will you inject at this facility any chemical water or other fluids which are brought to the surface in connection with conventional oil or natural gas production, inject fluids that are returned to the surface, or inject fluids that are produced from the well?		X	
5. Do you or will you inject at this facility any fluids in connection with the mining of sulfur by the Frasch process, solution mining of minerals, or the extraction of geothermal or other fluids?		X	
6. Do you or will you inject at this facility any fluids in connection with the mining of uranium by the in-situ leaching process?		X	

THE ANSWER

C O R N I N G G L A S S W O R K S

FACILITY CONTACT

THE UNIVERSITY OF CHICAGO

CH E R I L L J O H N L E N G R E N V I R C O N T 6 0 7 9 7 4 7 8 3 2

AGENCY MAILING ADDRESS

P O B O X 2 0 5

ESTATE OF JOHN C. SMITH

C H A R L E R O I

P.A. 1.5.0.2.2

8 t h S T R E E T & M c K E A N A V E N U E

WASHINGTON

C H A R L E R O I

P A 1 5 0 2 2

7	(specify) 2.2.9 Machine Pressed & Blown Glass	(specify)
7	(specify)	(specify)

VI. OPERATOR INFORMATION

MORNING GLASS WORKS	
---------------------	--

STATUS OF OPERATOR		P (specify) PRIVATE		4 1 2 4 8 3 6 5 3 1	
--------------------	--	---------------------	--	---------------------	--

P BOX 205	
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HARLEROI		PA 15022	
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X. ARISING ENVIRONMENT

PA0005746	
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SEE ATTACHED		(specify)
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		(specify)
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Manufacture of specialty glassware products, including dinnerware, bakingware, and gage glasses. Operations include raw materials mixing, melting, forming, finishing, packaging and finished ware storage.

A. NAME & OFFICIAL TITLE (type or print) R. Stenski, Sr. Vice President	B. SIGNATURE <i>R Stenski</i>	C. DATE SIGNED 11-17-80
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EPA FORM 1 ATTACHMENT

EPA I.D. NUMBER PAD004326542

CORNING GLASS WORKS,
CHARLEROI, PA 15022

ITEM X (CON'D):

OTHER PERMITS:

- PA 63 - 309 - 010 (Tank 66 Melting Furnace)
- PA 63 - 309 - 004 (46 Spray Booth)
- PA 63 - 309 - 005 (48 Spray Booth)
- PA 63 - 309 - 016 (49 & 50 Spray Booth)

- PA 6378710 (Pennsylvania Water Obstruction Permit - Pending)
- PA 6371202 (Pennsylvania Industrial Wastes)
- PA 6380203 (Pennsylvania Industrial Wastes Construction Permit -
Pending Approval)
- PA 46115 (Pennsylvania Dept. of Health Water Permit)



U.S. ENVIRONMENTAL PROTECTION AGENCY
HAZARDOUS WASTE PERMIT APPLICATION
Consolidated Permits Program
(This information is required under Section 3005 of RCRA.)

EPA I.D. NUMBER
F P A D 0 0 4 3 2 6 5 4 2 1

FOR OFFICIAL USE ONLY

APPLICATION APPROVED	DATE RECEIVED (yr., mo., & day)	COMMENTS

II. FIRST OR REVISED APPLICATION

Place an "X" in the appropriate box in A or B below (mark one box only) to indicate whether this is the first application you are submitting for your facility or a revised application. If this is your first application and you already know your facility's EPA I.D. Number, or if this is a revised application, enter your facility's EPA I.D. Number in Item I above.

A. FIRST APPLICATION (place an "X" below and provide the appropriate date)

1. EXISTING FACILITY (See instructions for definition of "existing" facility. Complete item below.)			2. NEW FACILITY (Complete item below.)		
YR.	MO.	DAY	YR.	MO.	DAY
8	3	6			

B. REVISED APPLICATION (place an "X" below and complete Item I above)

1. FACILITY HAS INTERIM STATUS			2. FACILITY HAS A RCRA PERMIT		
--------------------------------	--	--	-------------------------------	--	--

III. PROCESSES - CODES AND DESIGN CAPACITIES

A. PROCESS CODE - Enter the code from the list of process codes below that best describes each process to be used at the facility. Ten lines are provided for entering codes. If more lines are needed, enter the code(s) in the space provided. If a process will be used that is not included in the list of codes below, then describe the process (including its design capacity) in the space provided on the form (Item III-C).

B. PROCESS DESIGN CAPACITY - For each code entered in column A enter the capacity of the process.

1. AMOUNT - Enter the amount.
2. UNIT OF MEASURE - For each amount entered in column B(1), enter the code from the list of unit measure codes below that describes the unit of measure used. Only the units of measure that are listed below should be used.

PROCESS	PRO- CESS CODE	APPROPRIATE UNITS OF MEASURE FOR PROCESS DESIGN CAPACITY	PROCESS	PRO- CESS CODE	APPROPRIATE UNITS OF MEASURE FOR PROCESS DESIGN CAPACITY
Storage:			Treatment:		
CONTAINER (barrel, drum, etc.)	S01	GALLONS OR LITERS	TANK	T01	GALLONS PER DAY OR LITERS PER DAY
TANK	S02	GALLONS OR LITERS	SURFACE IMPOUNDMENT	T02	GALLONS PER DAY OR LITERS PER DAY
WASTE PILE	S03	CUBIC YARDS OR CUBIC METERS	INCINERATOR	T03	TONS PER HOUR OR METRIC TONS PER HOUR
SURFACE IMPOUNDMENT	S04	GALLONS OR LITERS		T04	GALLONS PER DAY OR LITERS PER DAY
Disposal:			OTHER (Use for physical, chemical, thermal or biological treatment processes not occurring in tanks, surface impoundments or incinerators. Describe the processes in the space provided; Item III-C.)		
INJECTION WELL	D79	GALLONS OR LITERS			
LANDFILL	D80	ACRE-FEET (the volume that would cover one acre to a depth of one foot) OR HECTARE-METER			
LAND APPLICATION	D81	ACRES OR HECTARES			
OCEAN DISPOSAL	D82	GALLONS PER DAY OR LITERS PER DAY			
SURFACE IMPOUNDMENT	D83	GALLONS OR LITERS			
UNIT OF MEASURE	UNIT OF MEASURE CODE	UNIT OF MEASURE	UNIT OF MEASURE CODE	UNIT OF MEASURE	UNIT OF MEASURE CODE
GALLONS	G	LITERS PER DAY	V	ACRE-FEET	A
LITERS	L	TONS PER HOUR	D	HECTARE-METER	F
CUBIC YARDS	Y	METRIC TONS PER HOUR	W	ACRES	B
CUBIC METERS	C	GALLONS PER HOUR	E	HECTARES	G
GALLONS PER DAY	U	LITERS PER HOUR	H		

EXAMPLE FOR COMPLETING ITEM III (shown in line numbers X-1 and X-2 below): A facility has two storage tanks, one tank can hold 200 gallons and the other can hold 400 gallons. The facility also has an incinerator that can burn up to 20 gallons per hour.

C									
DUP									
LINE NUMBER	A. PRO- CESS CODE (from list above)	B. PROCESS DESIGN CAPACITY		FOR OFFICIAL USE ONLY	LINE NUMBER	A. PRO- CESS CODE (from list above)	B. PROCESS DESIGN CAPACITY		FOR OFFICIAL USE ONLY
		1. AMOUNT (specify)	2. UNIT OF MEASURE (enter code)				1. AMOUNT	2. UNIT OF MEASURE (enter code)	
X-1	S 0 2	600	G		5	T 0 4	28,800	U	
X-2	T 0 3	20	E		6	S 0 2	5,500	G	
1	S 0 1	200 24,238	G		7	S 0 1	110	G	
2	S 0 2	8,000	G						
3	T 0 1	6,600	U						
4	S 0 2	400	G						

CHANGED AS PER 7/9/91 PHONE RECORD
GAS PER 7/14/91 LETTER

I. PROCESSES (continued)

SPACE FOR ADDITIONAL PROCESS CODES OR FOR DESCRIBING OTHER PROCESSES (code "T04"). FOR EACH PROCESS ENTERED HERE INCLUDE DESIGN CAPACITY.

See III - 3 (Line 5) T04: Filter press unit to remove heavy metal solids from wastewater in paint mix area.

IV. DESCRIPTION OF HAZARDOUS WASTES

A. EPA HAZARDOUS WASTE NUMBER - Enter the four-digit number from 40 CFR, Subpart D for each listed hazardous waste you will handle. If you handle hazardous wastes which are not listed in 40 CFR, Subpart D, enter the four-digit number(s) from 40 CFR, Subpart C that describes the characteristics and/or the toxic contaminants of those hazardous wastes.

B. ESTIMATED ANNUAL QUANTITY - For each listed waste entered in column A estimate the quantity of that waste that will be handled on an annual basis. For each characteristic or toxic contaminant entered in column A estimate the total annual quantity of all the non-listed waste(s) that will be handled which possess that characteristic or contaminant.

UNIT OF MEASURE - For each quantity entered in column B enter the unit of measure code. Units of measure which must be used and the appropriate codes are:

ENGLISH UNIT OF MEASURE **CODE**
POUNDS P
TONS T

METRIC UNIT OF MEASURE **CODE**
KILOGRAMS K
METRIC TONS M

If facility records use any other unit of measure for quantity, the units of measure must be converted into one of the required units of measure taking into account the appropriate density or specific gravity of the waste.

PROCESSES**1. PROCESS CODES:**

For listed hazardous waste: For each listed hazardous waste entered in column A select the code(s) from the list of process codes contained in Item III to indicate how the waste will be stored, treated, and/or disposed of at the facility.

For non-listed hazardous wastes: For each characteristic or toxic contaminant entered in column A, select the code(s) from the list of process codes contained in Item III to indicate all the processes that will be used to store, treat, and/or dispose of all the non-listed hazardous wastes that possess that characteristic or toxic contaminant.

Note: Four spaces are provided for entering process codes. If more are needed: (1) Enter the first three as described above; (2) Enter "000" in the extreme right box of Item IV-D(1); and (3) Enter in the space provided on page 4, the line number and the additional code(s).

2. PROCESS DESCRIPTION: If a code is not listed for a process that will be used, describe the process in the space provided on the form.

NOTE: HAZARDOUS WASTES DESCRIBED BY MORE THAN ONE EPA HAZARDOUS WASTE NUMBER - Hazardous wastes that can be described by more than one EPA Hazardous Waste Number shall be described on the form as follows:

1. Select one of the EPA Hazardous Waste Numbers and enter it in column A. On the same line complete columns B, C, and D by estimating the total annual quantity of the waste and describing all the processes to be used to treat, store, and/or dispose of the waste.
2. In column A of the next line enter the other EPA Hazardous Waste Number that can be used to describe the waste. In column D(2) on that line enter "included with above" and make any other entries on that line.
3. Repeat step 2 for each other EPA Hazardous Waste Number that can be used to describe the hazardous waste.

EXAMPLE FOR COMPLETING ITEMS 29 (shown in line numbers X-1, X-2, X-3, and X-4 below) - A facility will treat and dispose of an estimated 900 pounds per year of chrome shavings from leather tanning and finishing operation. In addition, the facility will treat and dispose of three non-listed wastes. Two wastes are corrosive only and there will be an estimated 200 pounds per year of each waste. The other waste is corrosive and ignitable and there will be an estimated 100 pounds per year of that waste. Treatment will be in an incinerator and disposal will be in a landfill.

LINE NO.	A. EPA HAZ. WASTE NO. (enter code)	B. ESTIMATED ANNUAL QUANTITY OF WASTE	C. UNIT OF MEASURE (enter code)	D. PROCESSES	
				1. PROCESS CODES (enter)	2. PROCESS DESCRIPTION (if a code is not entered in D(1))
X-1	K 0 5 4	900	P	T 0 3 D 8 0	
X-2	D 0 0 2	400	P	T 0 3 D 8 0	
X-3	D 0 0 1	100	P	T 0 3 D 8 0	
X-4	D 0 0 2				included with above

EPA I.D. NUMBER (enter from page 1)															FOR OFFICIAL USE ONLY									
7/4 6 P A D O 0 4 3 2 6 5 4 2 1															W DUP									
13 14 15 1 2															13 14 15 16 2 DUP									

IV. DESCRIPTION OF HAZARDOUS WASTES (continued)														
LINE NO.	A. EPA HAZARD. WASTE NO. (enter code)	B. ESTIMATED ANNUAL QUANTITY OF WASTE	C. UNIT OF MEASURE (enter code)	D. PROCESSES										
				1. PROCESS CODES (enter)				2. PROCESS DESCRIPTION (if a code is not entered in D(1))						
				27 -	28 -	27 -	28 -	27 -	28 -	27 -	28 -			
1	D 0 0 4	✓ 100	T	S 0 1								See Comment 1 (Sect. IV-E)		
2	D 0 0 5	✓										Included with above		
3	D 0 0 0	200	T	S 0 1								See Comment 2 (Sect. IV-E)		
4	D 0 0 6			S 0 1								Included with above		
5	D 0 0 8			S 0 1								Included with above		
6	F 0 1 7			S 0 1								Included with above temp suspended FR 1/16/80		
7	D 0 0 0			T 0 4								Included with above		
8	U 0 1 3	100	P									temp suspended FR 1/25/80 Small quantity belting, tubing disposed as generated.		
9		100	T	S 0 2								Waste Oils REMOVED AS PER 7/1/81 PHONE RECORD		
10	F 0 0 1	700	P	S 0 1										
11	P 0 1 0	100	P	S 0 2										
12	D 0 0 7	5	P	T 0 1										
13												LINES 6 & 7 DELETED; ALREADY LISTED AS D006, D008 LETTER 12 AUG 1981. PG		
14														
15														
16														
17														
18														
19														
20														
21														
22														
23														
24														
25														
26														

DESCRIPTION OF HAZARDOUS WASTE (continued)

USE THIS SPACE TO LIST ADDITIONAL PROCESS CODES FROM ITEM D(1) ON PAGE 3.

Comments from Section IV.

Comment 1 (IV, Line 2): This material consists of particulates collected from a glass tank Electrostatic Precipitator, and spilled or off-composition glass batch material, containing less than 1% Arsenic and less than 6% Barium.

Comment 2 (IV, Line 4): This material consists of particulate dust collected from paint spraybooth Baghouses and Electrostatic Precipitators and the filter cake solids from the water treatment filter press in the paint mix area. Both materials contain up to 7% cadmium and 50% lead.

EPA I.D. NO. (enter from page 1)

P	A	D	0	0	4	3	2	6	5	4	2	6
---	---	---	---	---	---	---	---	---	---	---	---	---

V. FACILITY DRAWING

All existing facilities must include in the space provided on page 5 a scale drawing of the facility (see instructions for more detail).

I. PHOTOGRAPHS

All existing facilities must include photographs (aerial or ground-level) that clearly delineate all existing structures; existing storage, treatment and disposal areas; and sites of future storage, treatment or disposal areas (see instructions for more detail).

II. FACILITY GEOGRAPHIC LOCATION

LATITUDE (degrees, minutes, & seconds)

LONGITUDE (degrees, minutes, & seconds)

4	0	0	8	4	2	N
---	---	---	---	---	---	---

0	7	9	5	3	4	0	W
---	---	---	---	---	---	---	---

III. FACILITY OWNER

☒ A. If the facility owner is also the facility operator as listed in Section VIII on Form 1, "General Information", place an "X" in the box to the left and skip to Section IX below.

B. If the facility owner is not the facility operator as listed in Section VIII on Form 1, complete the following items:

1. NAME OF FACILITY'S LEGAL OWNER

2. PHONE NO. (area code & no.)

3. STREET OR P.O. BOX

4. CITY OR TOWN

5. ST.

6. ZIP CODE

IX. OWNER CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

A. NAME (print or type)

B. SIGNATURE

C. DATE SIGNED

C.R. Stenski, Sr. Vice President



11-17-80

X. OPERATOR CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

A. NAME (print or type)

B. SIGNATURE

C. DATE SIGNED

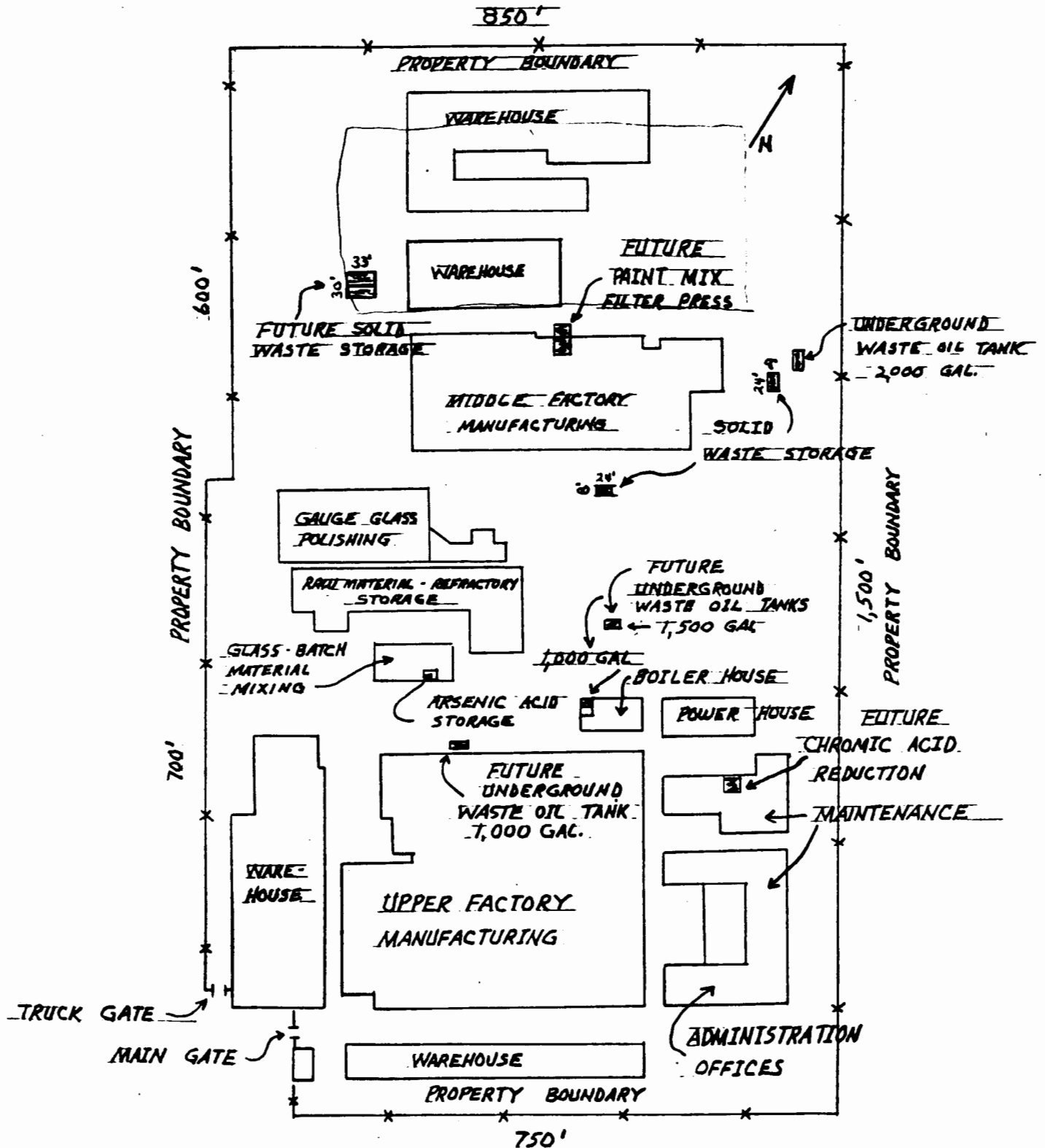
M. J. Reidelbach
Plant Manager



11-7-80

V. FACILITY DRAWING (see page 4)

CORNING GLASS WORKS - CHARLEROI, PA. 15022



SCALE: 1 INCH = 200 FT.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION III
6TH AND WALNUT STREETS
PHILADELPHIA, PENNSYLVANIA 19106

EPA I.D. # PAD004326542

January 2, 1981

Corning Glass Works
Mr. John Cherill
P.O. Box 205
Charleroi, Pa. 15022

Re: Acknowledgment of Application for
a Hazardous Waste Permit

This is to acknowledge that the Environmental Protection Agency has received: (1) A notification pursuant to Section 3010 of the Resource Conservation and Recovery Act for the facility located at the address shown above; and (2) Part A of a Hazardous Waste Permit Application for that facility, including a signed statement that the operation of the facility, or its construction, began prior to November 19, 1980. While the information provided by these submissions has not been fully reviewed for completeness or accuracy, EPA will accept this information as an initial qualification for interim status pursuant to Section 3005 of the Act. If after further review of this information, EPA determines that the owner or operator did not fulfill all the requirements for interim status, EPA may treat the owner or operator as not having qualified for interim status pursuant to that section and will advise the owner or operator of that determination. Facility owners and operators with interim status must comply with the standards set forth at 40 CFR Part 265 until a permit is issued. Interim status may be terminated if the owner or operator fails to furnish any additional information requested by EPA in order to process a permit application.



**ACKNOWLEDGEMENT OF NOTIFICATION
OF HAZARDOUS WASTE ACTIVITY
(VERIFICATION)**

This is to acknowledge that you have filed a Notification of Hazardous Waste Activity for the installation located at the address shown in the box below to comply with Section 3010 of the Resource Conservation and Recovery Act (RCRA). Your EPA Identification Number for that installation appears in the box below. The EPA Identification Number must be included on all shipping manifests for transporting hazardous wastes; on all Annual Reports that generators of hazardous waste, and owners and operators of hazardous waste treatment, storage and disposal facilities must file with EPA; on all applications for a Federal Hazardous Waste Permit; and other hazardous waste management reports and documents required under Subtitle C of RCRA.

EPA I.D. NUMBER

PAD 00 432 6542

Corning Glass Works
P. O. Box 205
Charleroi,

PA

15022

INSTALLATION ADDRESS

8th and McKean Avenue
Charleroi,

PA

15022



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION III

6TH AND WALNUT STREETS
PHILADELPHIA, PENNSYLVANIA 19106

JUL 21 1981

Mr. M. J. Reidelbach
Corning Glass Works - Charleroi
P. O. Box 205
Charleroi, PA 15022

Dear Mr. Reidelbach:

This is to acknowledge that the Environmental Protection Agency has completed processing the information submitted in your Part A Hazardous Waste Permit Application. It is the Agency's opinion, based on the assumption that the information submitted is complete and accurate, you as an owner or operator of a hazardous waste management facility have met the requirements of Section 3005(e) of the Resource Conservation and Recovery Act (RCRA) for Interim Status. EPA has not verified the information submitted. If it is determined that the information is incomplete or inaccurate, you may be asked to provide additional information or in certain circumstances it may be determined that you do not qualify for interim status. In addition, this notice does not preclude a citizen from taking legal action under the provisions of Section 7002 of RCRA.

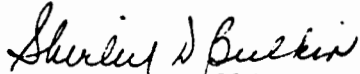
A facility not meeting the requirements for interim status under Section 3005 of RCRA may be required to close until such time as a hazardous waste permit is issued. Interim status may also be terminated, according to procedures in 40 CFR Part 124, if the owner or operator fails to furnish additional information which EPA requests in order to process a permit application.

As an owner or operator of a hazardous waste management facility, you are required to comply with the interim status standards as prescribed in 40 CFR Parts 122 and 265 or with State rules and regulations in those States which have been authorized under Section 3006 of RCRA. In addition, you are reminded that operating under interim status does not relieve you from the need to comply with all applicable State and local requirements.

The enclosure to this letter identifies the processes your facility may use, their design capacities, and types of waste your facility may accept during interim status. This information was obtained from the Part A Permit Application. If you wish to handle new wastes, change processes, increase the design capacity of existing processes, or change ownership or operational control of the facility, you may do so only as provided in 40 CFR Sections 122.22 and 122.23.

If you have any questions concerning this letter, please write to the address shown or call Bill Walsh at 215/597-1230.

Sincerely yours,


Shirley D. Bulkin
Chief, Administrative Support Section
Permit Enforcement Branch

Enclosure

CONDITIONS OF OPERATION DURING
INTERIM STATUS

Date Prepared: July 21, 1981

The information shown below is based solely on the information that the owner and operator of this facility submitted in Part A of the Hazardous Waste Permit Application. This is not a determination by EPA that this facility is an environmentally acceptable facility for treating, storing or disposing of the hazardous wastes listed below.

I. Facility name, location, and EPA Identification Number.

Name: Corning Glass Works - Charleroi

Location: 8th Street & McKean Avenue
Charleroi, PA 15022

EPA I.D. No.: PAD 00 432 6542

II. EPA considers the following to be the owner or operator of the facility and therefore the person(s) who must comply with the requirements set forth in 40 CFR Parts 122 and 265.

Owner's Name: C. R. Stenski, Sr. Vice President

Operator's Name: M. J. Reidelbach, Plant Manager

III. During the period of interim status, the facility may use only the following processes for treating, storing or disposing of hazardous waste, up to the design capacities that are indicated.

<u>PROCESS</u>	<u>DESIGN CAPACITY</u>
<u>S01</u>	<u>24,238 Gals.</u>
<u>S02</u>	<u>8,000 Gals.</u>
<u>T01</u>	<u>6,600 Gals/Day</u>
<u>S02</u>	<u>400 Gals.</u>
<u>T04</u>	<u>28,800 Gals./Day</u>

IV. During the period of interim status, the facility may ^(CONTINUED) ~~handle only~~ the hazardous wastes with the following EPA Hazardous Waste Numbers, and/or solid waste exhibiting hazardous characteristics with the following EPA Hazardous Waste Numbers.

<u>D004</u>	<u>D005</u>	<u>D006</u>	<u>D008</u>	<u>F001</u>
<u>P010</u>	<u>D007</u>	<u> </u>	<u> </u>	<u> </u>

CONDITIONS OF OPERATION DURING
INTERIM STATUS

Date Prepared: July 21, 1981

The information shown below is based solely on the information that the owner and operator of this facility submitted in Part A of the Hazardous Waste Permit Application. This is not a determination by EPA that this facility is an environmentally acceptable facility for treating, storing or disposing of the hazardous wastes listed below.

1. Facility name, location, and EPA Identification Number.

Name: Corning Glass Works - Charleroi

Location:

EPA I.D. No.: _____

II. EPA considers the following to be the owner or operator of the facility and therefore the person(s) who must comply with the requirements set forth in 40 CFR Parts 122 and 265.

Owner's Name:

Operator's Name:

III. During the period of interim status, the facility may use only the following processes for treating, storing or disposing of hazardous waste, up to the design capacities that are indicated.

(CONTINUED)
PROCESS

DESIGN CAPACITY

S02
S01

5,500 Gals.
110 Gals.

IV. During the period of interim status, the facility may handle only the hazardous wastes with the following EPA Hazardous Waste Numbers, and/or solid waste exhibiting hazardous characteristics with the following EPA Hazardous Waste Numbers.

*For Waste Codes F017 & U013 See Attachment

ATTACHMENT

Re: Paint Wastes

EPA has completed its initial review of your application to treat/store/dispose of hazardous waste under the Resource Conservation and Recovery Act (RCRA). The paint wastes listed as being handled by your facility have been temporarily suspended from regulation as a listed hazardous waste. An amendment to 40 CFR Part 261.32, Hazardous Waste from Specific Sources, was published in the Federal Register on January 16, 1981. This amendment temporarily suspended the listing of all wastes from the manufacture of paints (EPA Hazardous Wastes Nos. F017, F018, K078, K079, K081, K082) until further study on those wastes has been conducted. However, wastes which exhibit any of the hazardous waste characteristics (i.e. reactivity, ignitability, corrosivity, and EP toxicity) as defined in 40 CFR Part 261 remain subject to regulation under RCRA.

EPA requests that you make a determination as to whether or not the waste streams listed on your application are hazardous by one or more of the general characteristics. Ignitability and EP toxicity would be the characteristics which would most likely cause paint manufacturing wastes and residues to be defined as a hazardous waste. In order to properly process your permit application and avoid further inquiries, a response within 10 days would be beneficial to yourself and EPA.

If you have any questions, please do not hesitate to contact Bill Walsh at (215) 597-1230.

All replies should be addressed to:

U.S. Environmental Protection Agency
Permits Enforcement Branch
RCRA Administrative Support Section
6th and Walnut Streets
Philadelphia, PA 19106
Attn: Ms. Shirley D. Bulkin (3EN24)

ATTACHMENT

EPA has deferred final promulgation of the listing of asbestos (U013) as a hazardous waste in the Federal Register of November 25, 1980 (page 78538). Since disposal of asbestos is regulated under the Clean Air Act, it is possible that a permit-by-rule would be issued under RCRA when asbestos is finally listed as a hazardous waste.

July 14, 1981

Mr. William Walsh
3 EN 24 Section
U.S. Environmental Protection Agency
6th & Walnut Streets
Philadelphia, PA 19107

SUBJECT: RCRA "Part A" Application Units Change
Corning Glass Works
Charleroi, PA (PAD 004326542)
State College, PA (PAD 0433891530)

Dear Mr. Walsh:

This note will confirm our telephone conversation of July 8, 1981 on the subject. You informed me that EPA's computer would not accept units of "cubic yards" for SO1 or SO2 Storage Facilities, nor units of "gallons" for TO4 Treatment Facilities. You requested that Corning change its storage units to either gallons or liters and its treatment units to either gallons per day or liters per day. Accordingly, I provided the following information to you by telephone:

Charleroi Plant (PAD 004326542)

Form 3, Page 1 of 5, Line 1:

Previously Reported:	120 cubic yards
Change To:	24,238 gallons

NOTE: $\frac{7.481 \text{ gal.}}{\text{cu. ft.}} \times \frac{27 \text{ cu. ft.}}{\text{cu. yd.}} \times 120 \text{ cu. yd.} = 24,238 \text{ gal.}$

State College Plant (PAD 0433891530)

Form 3, Page 1 of 5, Line 2:

Previously Reported:	1000 gallons
Change To:	23 gallons per day

Form 3, Page 1 of 5, Lines 3 and 4:

Previously Reported:	4 cubic yards
Change To:	808 gallons

Mr. William Walsh
July 14, 1981
Page 2

You also had some questions on our listing of waste oils.

I stated that we listed waste oils at both Charleroi and State College in anticipation of EPA regulations which would require such listing under RCRA (we did not wish to prepare the application twice). You informed me that EPA has not yet promulgated any such regulations requiring waste oils to be listed (unless they are hazardous by virtue of containing heavy metals or other toxic substances) and that the data supplied by Corning on waste oils would not be keypunched into the computer. This is acceptable to Corning as long as EPA does not come back to us next week asking us to supply information on waste oils.

Since the original applications were submitted, my address and telephone number have changed. My new mailing address is:

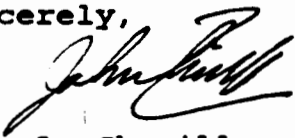
Corning Glass Works
Houghton Park, ME - 3
Corning, NY 14831

New telephone number:

(607)974-6398

I trust that the foregoing information answers your questions and will make your computer happy. Thank you for your cooperation in this matter.

Sincerely,



John L. Cherill
Environmental Control

ool/k

CORNING

Corning Glass Works
Corning, New York 14830
Tel: 607-974-9000

August 12, 1981

Ms. Shirley D. Bulkin, 3EN24
US EPA-Region III
Permits Enforcement Branch
RCRA Administrative Support Section
6th and Walnut Streets
Philadelphia, PA 19106

SUBJECT: RCRA Permit Application #PAD004326542
Corning Glass Works
Charleroi, Pennsylvania Plant

Dear Ms. Bulkin:

In response to a question raised in your July 21, RCRA Interim Status letter addressed to C. R. Stenski, please make the following correction on the above referenced Part "A" Permit Application:

-Please delete Line 6 on Page 3 of Form 3. Although EPA Hazardous Waste #F017 is temporarily suspended from regulation, this material does contain cadmium and lead. It has already been listed as D006 and D008 on Lines 4 and 5 on Page 3 of Form 3.

If you require any additional information, please contact either John Cherill at 607-974-6398 or myself at 607-974-6399.

Sincerely,

Susan McLaren

Susan McLaren
Environmental Control HP ME-3 F7

SA3/G/k

cc: Pennsylvania Department of Environmental Resources
Bureau of Solid Waste Management
P.O. Box 2063
Harrisburg, Pennsylvania 17120



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
BUREAU OF SOLID WASTE MANAGEMENT

851 Kossman Building
100 Forbes Avenue
Pittsburgh, Pennsylvania 15222-1376 (412) 565-5023



February 18, 1983

CERTIFIED MAIL #440177

John Cherill
P.O. Box 205
Charleroi, PA 15022

RE: Corning Glass Works
ID No. PAD004326542
Charleroi Borough
Washington County

Gentlemen:

This letter constitutes a formal request for Part B of your application for a Hazardous Waste Management Facility Permit under the Hazardous Waste Management Regulations, 25 PA Code Chapter 75, Subchapter D, for the facility referenced above. This request is made under the authority of Section 75.265 (z) (6) of the regulations. You should refer to the hazardous waste management regulations that appeared in the Pennsylvania Bulletin dated September 4, 1982, which was recently mailed to you for the requirements of the Part B application. Your Part B application must be submitted no later than six months from the date of this notice. If there is information that is being claimed as confidential, indicate this according to the requirements of Section 75.265(z)(16).

Enclosed are reference checklists for your Part B application that are to be used to insure your application contains the minimum information required. These checklists are to be used to assist you in your Part B application and our subsequent review, although the checklists are not a substitute for reviewing and addressing the hazardous waste regulations themselves. Because you may be anticipating additional facilities at your location, we have included checklists for every type of facility covered by the Department requirements. Please use only those checklists that apply to the types of facilities for which you are making application.

Your Part B application will be reviewed for a hazardous waste management TSD Permit by both the U.S. Environmental Protection Agency and the Department of Environmental Resources until the Commonwealth of Pennsylvania receives Phase II Interim Authorization under the RCRA Program to solely administer a permitting program.

February 18, 1983

You should submit the Part B application to both agencies for their concurrent review. This would require that the hazardous waste requirements under Pennsylvania regulations as well as the hazardous waste management requirements under the Federal program would have to be addressed.

When completed please transmit your application and five copies (or seven copies if there is an incineration facility) to our office, and if you have any questions or desire to have a pre-application conference, please contact us.

Sincerely,

Charles A. Duritsa
Regional Solid Waste Manager

CAD/DV/kw

Enclosure

cc: U.S. EPA - Region II ✓
Regional File
Central Office
County Office
Chron

PADOCH 326542 - 860903
CORNING GLASS WORKS
8TH STREET
CHARLELOT PA 15022
8TH STREET
CHARLELOT PA 15022
GANG GENE ENGINEER 412 4836531
CORNING GLASS WORKS INC

<input type="checkbox"/> A. Air		<input type="checkbox"/> B. Land		<input type="checkbox"/> C. Marine		<input type="checkbox"/> D. Water		<input type="checkbox"/> E. Other	
DE. First or Subsequent Notification									
Mark 'X' in the appropriate box to indicate whether this is your installation's first notification of hazardous waste activity or a subsequent notification. If this is not your first notification, enter your installation's EPA ID Number in the space provided below.									
<input type="checkbox"/> A. First Notification		<input checked="" type="checkbox"/> B. Subsequent Notification (complete Item CF)							
		Enter Installation's EPA ID Number							
		PAD004326542							

Leave blank

The owner of the company
should fill in this information.
Do not enter any information
about Safety-Kleen.

Enter the appropriate code in

Part V(B): P - Private
M - Municipal
C - County
S - State

Place an X in box 1b if
you generate less than
1000 kg/month (2200 lb)
of hazardous waste.

Leave blank

Mark appropriate box

Dry cleaners using perchloroethylene
or freon should enter F002 in the
first box. I.C. customers should
enter F002 and F004 in the first
and second boxes.

(Gun cleaner/paint waste customers
should enter F003 and F005 in the
first and second boxes.)

Leave blank

Note: These instructions apply only to
Safety-Kleen waste solvents.
If you generate other wastes at
your facility, appropriate code
numbers must be entered.

Dry cleaners using mineral spirits
should check the first box (ignitable).
Parts washer customers should check
the first and last boxes. The customer
should sign, print his name and
date the form.

SEPA Notification of Hazardous Waste Activity

1. Name of Facility

2. Location of Facility

3. Name of Facility

4. Location of Facility

5. Name of Facility

6. Location of Facility

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99. Name of Facility

100. Location of Facility

SEND THE FORM TO:

USEPA Region III
Waste Management Branch
MS 3BW 34
841 Chestnut St.
Philadelphia, PA 19107



**ACKNOWLEDGEMENT OF NOTIFICATION
OF HAZARDOUS WASTE ACTIVITY
(VERIFICATION)**

This is to acknowledge that you have filed a Notification of Hazardous Waste Activity for the installation located at the address shown in the box below to comply with Section 3010 of the Resource Conservation and Recovery Act (RCRA). Your EPA Identification Number for that installation appears in the box below. The EPA Identification Number must be included on all shipping manifests for transporting hazardous wastes; on all Annual Reports that generators of hazardous waste, and owners and operators of hazardous waste treatment, storage and disposal facilities must file with EPA; on all applications for a Federal Hazardous Waste Permit; and other hazardous waste management reports and documents required under Subtitle C of RCRA.

EPA I.D. NUMBER

+PADO043E0042

INSTALLATION ADDRESS

DAND, GENE FAC ENGR

CORNING GLASS WORKS -- CHARLEROI PLANT
8TH ST
CHARLEROI PA 15022

CH ST

CHARLEROI PA 15022

Please refer to the instructions for Filing Notification before completing this form. The information requested here is required by law (Section 3090 of the Resource Conservation and Recovery Act).

Comments

[illegible]

Installation's EPA ID Number										Approved			Date Received (m d y)			125								
C	P	A	D	0	0	4	3	2	6	5	4	2	T/A	E				8	6	1	1	0	4	Washington
F																								

CORNING GLASS WORKS - CHARLESTON, PA

Street of P.O. Box

[illegible]

City or Town															State	ZIP Code
C	H	A	R	L	E	R	O	I							PA	15022

Survey of Reader Reactions

[illegible]

City or Town															State	ZIP Code					
1	C	H	A	R	L	E	R	O	I						P	A	1	5	0	2	2

Name and Title (Last, first, and job title)

2	G	A	N	O	,	G	E	N	E		F	A	C	I	L	,	E	N	G	.	4	1	2		4	8	3		6	5	3	1
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A. Name of Institution's Legal Owner:

CORNING GLASS WORKS	INC.
---------------------	------

A. Hazardous Waste Activity

☒ 1a. Generator

☐ 2. Transporter

☐ 3. Treater/Storage/Dispenser

☐ 4. Underground Injection

☐ 5. Market or Burn

☐ 5a. Generator

☐ 5b. Other Market

☐ 5c. Burn

It Blows Off Post Attention

☐ 6. One-Sidedness Used On Front (When It Will Affect Appearance of the Burner)

☐ a. One-Sidedness of the Burner

☐ b. One-Sidedness of the Burner

☐ c. Burner

☐ 7. One-Sidedness Used On Front (When It Will Affect Appearance of the Burner)

☐ a. One-Sidedness of the Burner

☐ b. One-Sidedness of the Burner

☐ c. Burner

VII. Waste Fuel Burning: Type of Combustion Device (enter "X" in all appropriate boxes to indicate type of combustion device(s) in which hazardous waste fuel or off-specification used oil fuel is burned. See instructions for definitions of combustion devices.)

☐ A. Utility Boiler ☐ B. Industrial Boiler ☐ C. Industrial Furnace

VIII. Mode of Transportation (transporters only — enter 'X' in the appropriate box)

☐ A. Air ☐ B. Rail ☐ C. Highway ☐ D. Water ☐ E. Other (specify) _____

IX. First or Subsequent Notification

Mark 'X' in the appropriate box to indicate whether this is your installation's first notification of hazardous waste activity or a subsequent notification. If this is not your first notification, enter your installation's EPA ID Number in the space provided below.

☒ A. First Notification
 ☒ B. Subsequent Notification (complete item C)

A. Hazardous Wastes from Nonspecific Sources. Enter the four-digit number from 40 CFR Part 261.31 for each listed hazardous waste from nonspecific sources your installation handles. Use additional sheets if necessary.

1	2	3	4	5	6
D001	D002				
7	8	9	10	11	12

13	14	15	16	17	18
19	20	21	22	23	24
25	26	27	28	29	30

31	32	33	34	35	36
37	38	39	40	41	42
43	44	45	46	47	48

[illegible]

☒ 1. Ignitable
(0001)

☒ 2. Corrosive
(D002)

☐ 3. Reactive
(DOOS)

☐ 4. Toxic
(DOOO)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Signature A. Rene Lamo II

G. GENE GANO #
PLANT FACILITIES + INDUSTRIAL ENGR

10-22-86

OCT 27 1986



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

BUREAU OF WASTE MANAGEMENT
Highland Building
121 South Highland Avenue
Pittsburgh, Pennsylvania 15206-3988
(412) 645-7100 (answers 24 hrs.)

February 17, 1988

Corning Glass Works
Eighth and McKean Avenues
Charleroi, PA 15022

Attention: Jeffrey S. Yoskosky

RE: Corning Glass Works
EPA I.D. No. PAD004326524
Charleroi Borough
Washington County

Dear Mr. Yoskosky:

This refers to your February 4, 1985 request for permit-by-rule status under the Pennsylvania Hazardous Waste Regulations Section 75.265(z)(17). We have reviewed your facility and an inspection was made on September 24, 1987. All deficiencies identified in the September inspection have been corrected as of this date. Your facility now satisfies all the conditions that are deemed necessary for a hazardous waste treatment facility to have permit-by-rule status. Permit-by-rule status is contingent upon being in compliance with all the hazardous waste management conditions as stated in Section 75.265(z)(17) and non-compliance will result in the loss of permit-by-rule status.

Sincerely,

Tony Orlando
Acting Regional Manager
Bureau of Waste Management
Southwestern Region

TO/JAH/kld

cc: Central Office
County
Region
Chron

CORNING

10-0-9
Corning Glass Works
Corning, New York 14831
Tel: 607-974-9000

February 4, 1985

Mr. Charles A. Duritsa
Solid Waste Manager
Commonwealth of Pennsylvania
Department of Environmental Resources
4th Floor Highland Bldg.
121 S. Highland Ave.
Pittsburgh, PA 15206

Re: Request for Part A Withdrawal/Part B Denial
and Permit-By-Rule
Corning Glass Works
Charleroi, PA Plant
PAD 004326542

Dear Mr. Duritsa:

Please consider this as a formal request for Part A Withdrawal/
Part B Denial and for granting Permit-By-Rule status to Corning's
Charleroi, PA Plant.

This plant is part of Corning's Consumer Products Division of
which I am Vice President and General Manager. This plant will
continue to be a "generator" of the wastes shown on the attached
notification form. Except for the wastes discussed in the
following paragraph, all non-excluded hazardous wastes will be
transported off-site for storage, treatment, disposal or reclaim
within 90-days of generation. Only permitted (or interim status)
facilities will be used for such off-site activities, including
transportation.

Certain wastewaters will continue to be "treated" on-site and
discharged in accordance with NPDES permit PA 0005746. These
wastewaters and treatment systems are fully described in various
water pollution control permits and permit applications in your
office (Bureau of Water Quality Management). Only "tanks" will
be used for such treatment (no "surface impoundments"). I am
requesting that Permit-By-Rule be granted for these treatment
systems.

I hereby commit the financial resources of Corning Glass Works to
properly close this plant in accordance with either the closure
plan in your possession (submitted as part of our Part B
application) or as modified or amended and agreed to in writing
by the Charleroi Plant Manager, if such modification or
amendment is needed to comply with applicable DER regulations, at
some future time that our Charleroi Plant is in fact closed.

February 4, 1985

Page 2

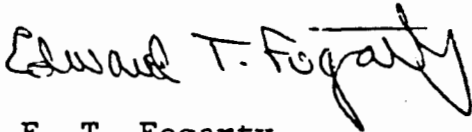
Any questions in this matter should be directed to:

John L. Cherill
Corning Glass Works
HP-ME-3
Corning, New York 14831

Phone: (607)974-6398

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Sincerely,



E. T. Fogarty
Vice President and General Manager
Consumer Products Division.

cc: Mr. J. L. Cherill
Mr. J. D. Siner

R. Wacker
10-0-9

LAH1/000
Attachment

BUREAU OF SOLID WASTE MANAGEMENT
NOTIFICATION OF HAZARDOUS WASTE ACTIVITY

ER-SWM-53: Rev. 3/82

I INSTALLATION'S EPA I.D. NUMBER									
P	A	D	0	0	4	3	2	6	5
II NAME OF INSTALLATION									
Corning Glass Works									
III INSTALLATION MAILING ADDRESS									
STREET OR P. O. BOX									
P.O. Box 205									
CITY OR TOWN								ST.	ZIP CODE
Charleroi								PA	15022
IV LOCATION OF INSTALLATION									
STREET OR ROUTE NUMBER								MUNICIPALITY	
8th St. & McKean Avenue								Borough of Charleroi	
CITY OR TOWN				ST.	ZIP CODE			COUNTY	
Charleroi				PA	15022			Washington	
V INSTALLATION CONTACT									
NAME AND TITLE (last, first, & job title)								PHONE NO. (area code & no)	
Cherill, John Supervisor, Environmental Control Eng.								607 974 639	
VI OWNERSHIP									
A. NAME OF INSTALLATION'S LEGAL OWNER									
Corning Glass Works									
B. TYPE OF OWNERSHIP									
(enter the appropriate letter into box)									
F = FEDERAL M = NON-FEDERAL M									
VII SIC CODES (4-digit in order of priority)									
A. FIRST					C. THIRD				
3 2 2 9 (specify) Machine Pressed & Blown Glass Mfg					(specify)				
B. SECOND					D. FOURTH				
(specify)					(specify)				
VIII TYPE OF HAZARDOUS WASTE ACTIVITY									
<input checked="" type="checkbox"/> A. GENERATION <input type="checkbox"/> C. STORE <input type="checkbox"/> E. TRANSPORTATION (COMPLETE ITEM IX) <input type="checkbox"/> G. REUSE, RECYCLE, RECLAIM <input type="checkbox"/> B. TREAT <input type="checkbox"/> D. DISPOSE <input checked="" type="checkbox"/> F. PERMIT BY RULE <input type="checkbox"/> H. OTHER (specify):									
IX MODE OF TRANSPORTATION (transporters only)									
<input type="checkbox"/> A. AIR <input type="checkbox"/> B. RAIL <input type="checkbox"/> C. HIGHWAY <input type="checkbox"/> D. WATER <input type="checkbox"/> E. OTHER (specify):									
X EXISTING ENVIRONMENTAL PROGRAM PERMITS									
A. NPDES (Discharges to Surface Water)					D. PSD (Air Emissions from Proposed Sources)				
PA 0005746									
B. UIC (Underground Injection of Fluids)					E. SOLID WASTE				
C. RCRA (Hazardous Wastes)					F. OTHER				
					various				
					See Attached				
XI. TYPE OF NOTIFICATION									
Mark "X" in appropriate box to indicate whether this is your installation's first notification of hazardous waste activity, or notification of a change in general information, hazardous waste handled, or hazardous waste activity. If you check B, C, D, E, or F, attach a letter of explanation (SEE INSTRUCTIONS).									
<input type="checkbox"/> A. FIRST NOTIFICATION <input checked="" type="checkbox"/> C. DELETION OF A WASTE <input type="checkbox"/> E. DELETION OF AN ACTIVITY <input type="checkbox"/> B. CHANGE OF GENERAL INFORMATION <input checked="" type="checkbox"/> D. ADDITION OF A WASTE <input checked="" type="checkbox"/> F. ADDITION OF AN ACTIVITY									

CONTINUE ON REVERSE

XII DESCRIPTION OF HAZARDOUS WASTES (Continued from front)

A. HAZARDOUS WASTES FROM NON-SPECIFIC SOURCES. Enter the four-digit number from §75.261(h)(2) for each listed hazardous waste from non-specific sources your installation handles. Use additional sheets if necessary.

1 F 0 0 1	2 F 0 0 3	3 F 0 0 5	4	5	6
7	8	9	10	11	12

B. HAZARDOUS WASTES FROM SPECIFIC SOURCES. Enter the four-digit number from §75.261(h)(3) each listed hazardous waste from specific industrial sources your installation handles. Use additional sheets if necessary.

13	14	15	16	17	18
19	20	21	22	23	24
25	26	27	28	29	30

C. COMMERCIAL CHEMICAL PRODUCT HAZARDOUS WASTES. Enter the four-digit number from §75.261(h)(4) for each chemical substance your installation handles which may be a hazardous waste. Use additional sheets if necessary.

31 P 0 1 0	32	33	34	35	36
37	38	39	40	41	42
43	44	45	46	47	48

D. CHARACTERISTICS OF NON-LISTED HAZARDOUS WASTES. Mark "X" in the boxes corresponding to the characteristics of non-listed hazardous wastes your installation handles. (See §75.261(g)(2) through (5))

☐ 1. IGNITABLE

☒ 2. CORROSIVE

☐ 3. REACTIVE

☒ 4. EP TOXIC

XIII CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

SIGNATURE

Edward T. Fogarty

NAME and OFFICIAL TITLE (Type or Print)
E. T. Fogarty, Vice President &
General Manager, CPD

DATE SIGNED

2/7/85

FOR OFFICIAL USE ONLY

CORNING GLASS WORKS
Charleroi, PA Plant
PAD004326542
Other Permits

PA 63-309-010 (Tank 66 Melting Furnace)
PA 63-309-004 (46 Paint Spray Booth)
PA 63-309-005 (48 Paint Spray Booth)
PA 63-309-016 (49 and 50 Paint Spray Booths)
PA 6378710 (Water Obstruction Permit)
PA 6371202 (Industrial Wastes)
PA 6380203 (Industrial Wastes)

NOTE: All of the above from the PA DER

PA 461I5 (PA Department of Health Water Permit)

Deletion of a Waste

- F006, F007, F008 and F009
Wastes never generated; chrome plating
wastes (no cyanide) will be covered by
D007. F017 code eliminated by EPA/DER;
paint wastes will be covered by D008, etc.

Addition of a Waste


- F003 and F005 added as a precaution.
Certain solvent wastes may be generated in
the future.

Deletion of an Activity

- Will no longer store or treat hazardous
wastes (except as below).

Addition of an Activity

- Request for Permit-By-Rule

John L. Cherily 
February 1, 1985

APR 24 1986

In Reply Refer To: 3HW33

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

C. R. Stenski
Senior Vice-President
Corning Glass Works
P. O. Box 205
Charlottesville, PA 15022

Re: PAD 004326542

Dear Mr. Stenski:

Sections 3004(u) and 3008(h) of the Hazardous and Solid Waste Amendments of 1984 (RCRA Reauthorization) give EPA the authority to require corrective action for all releases of hazardous wastes or constituents from any solid waste management unit ("SWMU") as defined on the enclosed sheet. This requirement applies to operating units, inactive units, as well as those that are closing or have been closed in the past.

EPA and the State must first determine the location of all SWMUs at your facility. Next, we must determine whether or not any "releases" (see definitions) originated at these units. In order to enable us to make these determinations, you must provide the following information:

- (1) A topographic map showing the facility and a distance of 1,000 feet around it, at a scale of one-inch equal to not more than 200 feet. In addition to showing the location of the hazardous waste management facilities for which you are seeking a permit, it must locate all existing and former SWMUs at your facility.
- (2) For each SWMU, provide a description of the unit's functions, material of construction, dimensions, capacity, ancillary systems (piping), etc. If available, provide engineering drawings of the units and their foundations. For closed facilities, also provide

a copy of the closure plans, a description of how closure was performed and any relevant post-closure information you have available.

- (3) For each SWMU, provide a description of all solid wastes including hazardous wastes and hazardous waste constituents received by the units. Also, provide information on quantities of hazardous wastes and hazardous waste constituents received by each SWMU and the dates during which these units operated.
- (4) For each solid waste, SWMU, describe any releases (or possible releases) originating at the unit. This should include information on the date of release, type of solid waste, hazardous waste or hazardous waste constituents released, quantity released, nature of the release, extent of migration, and cause of release, for example, an overflow, broken pipe, tank leak, etc. Also, provide any available data which would quantify the nature and extent of environmental contamination including the results of soil, surface water and/or ground water sampling and analysis efforts. Likewise, any monitoring information that indicates releases are not present should also be submitted.

Please be advised that § 3004(u) applies to those treatment/storage/disposal facilities required to obtain RCRA permits. If you are not required to obtain a RCRA permit, please indicate that fact in your response.

Additionally, § 3008(h) applies to all facilities that operated under interim status. In some cases, this provision will not apply to a facility because it never actually operated under interim status; for example, a storage facility that filed for interim status, but never stored for more than 90 days. If you determine that this provision does not apply to your facility, you must list specific reasons that support the fact that you never operated under interim status.

If some or all of the above requested information has been previously submitted to this office, please reference this information in your reply.

We request under Section 3007 of the Act, 42 U.S.C. § 6927, that you submit two copies of the above requested information within forty-five (45) days of your receipt of this letter to both EPA and the Pennsylvania Department of Environmental Resources (PA DER).

All information you submit should be certified as required by regulation 40 C.F.R. 270.11(d). Should you have any questions concerning this letter, please contact Samuel Israel at (215) 597-9809.

Sincerely,

Stephen R. Wassersug, Director
Hazardous Waste Management Division

Enclosure

cc: Mr. Charles Duritsa, DER, Pittsburgh, PA

Mr. Ronald L. Walker
Plant Facility Engineer

CHECKLIST FOR SWMU RESPONSES

Name of Facility Carmichael, G. S.
EPA I.D. # AL 004326542
Date Received 7/13/80

1. Is facility currently storing less than 90 days. YES _____ NO ✓

2. Did facility claim that they filed in error YES _____ NO ✓

3. Description/Number of SWMU's 12
Land Disposal _____ Incinerators ✓ Tanks _____
Land Treatment _____ Surface Impoundments _____ Drums _____
Other _____

4. Is there evidence of contamination YES _____ NO ✓
Groundwater: YES _____ NO _____
Surface Water: YES _____ NO _____
Air: YES _____ NO _____

5. Certification YES _____ NO ✓

6. PRIORITY

X HIGH----Reported evidence of release to air, ground or surface water.

MEDIUM--No releases reported but land based SWMUs reported.

LOW-----Everything else.

7. Comments:

1

RECEIVED
PA SECTION

JUL 1 1986

EPA, R3

CORNING GLASS WORKS

CORNING

CHARLEROI PLANT CHARLEROI PA 15022

June 2, 1986

United States Environmental Protection Agency
Region III
841 Chestnut Building
Philadelphia, Pa. 19107

Attn: Mr. Stephen R. Wasserug, Director
Hazardous Waste Management Division

Gentlemen:

This letter is in response to your letter dated April 24, 1986, requiring the submission of data related to operating and inactive solid waste management units at the Charleroi Plant of Corning Glass Works.

Attached please find the required map (attachment 1) with the approximate location of the SWMU's identified. Attachment 2 is the required map showing the Charleroi Plant and the surrounding area. The description of each unit and its waste stream, etc. follows:

✓ 1. CHROMIC ACID REDUCTION:

In December of 1985 we moved our chrome plating operation to a new location in the plant, for efficiency in work practices purposes. The old facility was closed with all solutions being either transferred or manifested and treated by Envirite of Canton Ohio. All equipment was washed and disposed of with the exception of the chromic acid holding and reduction tanks. All washings were discharged within NPDES Permit #PA0005746 limitations. The new facility reduces hexavalent chrome to trivalent chrome and discharges into the Monongahela River under NPDES permit #PA0005746. The piping is all PCV, the holding and reduction tanks are fiberglass, the entire area is diked by a polyurethane epoxy retaining curb and the floor is also coated with polyurethane. No untreated releases have occurred at either the old or new facility. 1456

✓ 2. UNDERGROUND WASTE OIL TANK:

This tank was installed in 1980. It is a 1000 gal. steel tank coated with black asphaltic paint. The tank is set within a cement dike. Primary usage is waste compressor oil which is purchased by PetroCON of Blawnox, Pa., and reconditioned for sale by them. No leaks have occurred from this tank.

3. UNDERGROUND WASTE OIL TANK:

✓ This tank was installed in 1980. It is a 1500 gal. steel tank coated with black asphaltic paint. The tank is set within a cement dike. Primary usage is waste process machine oil which are also purchased by Petro CON. No leaks have occurred from this tank.

4. PAINT BAGHOUSE DUST COLLECTION:

✓ This area is used for removal of baghouse dust from shake down chutes. The material which contains lead, selenium, cobalt, iron and glass fragments is collected in portable 1 cubic yard hoppers. Full hoppers are taken to the hazardous waste storage area SWMU #8. SWMU #4 is a cement pad with a cement curbing around it. No discharges have occurred from this SWMU. 1974

5. CRUSHER BUILDING OFF-SPEC BATCH MATERIAL STORAGE:

✓ Off spec batches were collected on this cement pad and stored until a full 5 cubic yard hopper has been filled. The off spec batch was then transferred to SWMU #8 for off-site disposal. The off spec batches formerly contained arsenic. Since April of 1986 arsenic is no longer a batch material. The materials now stored at this location are not E. P. toxic. No releases have occurred from this SWMU. 1980

6. UNDERGROUND WASTE OIL TANK:

✓ This is a 2000 gal. steel tank coated with black asphaltic paint. Construction of this holding tank was in 1980. The oil stored in this tank is skimmed from contact cooling water. This was part of our NPDES treatment system. This SWMU is no longer active due to the manufacturing area it services is not operating. Oils from this tank are purchased by Petro CON of Blawnox, Pa. No leaks have originated from this tank.

7. ELECTROSTATIC PRECIPITATOR:

✓ 5 This unit ceased operation in April of 1986, due to lack of business on the glass melting tank which it serviced. The precipitator was designed to bring us in compliance with DER Air Quality Standards. The E.P. dust which was E. P. toxic for arsenic, was collected in 30 mill plastic bags and transported to SWMU #8 for off site disposal. At present there are no plans to produce glass on this tank in the near future. There have been no leaks from this SWMU. 1475

✓ 8. SOLID WASTE STORAGE AREA:

This area is a 30' by 33' cement pad, sloped to 4 foot below grade to a cement wall with a non-drained sump. The purpose of this area is to house the solid waste standard 30 cubic yard roll-off container. The area is under a roof and located outside of the flood plain. Commonly stored wastes include paint and filter press sludge, paint baghouse dust, electrostatic precipitator dust and off-spec batch material wastes. Wastes are removed by Alchem-Tron of Cleveland, Ohio. There have been no discharges from this SWMU.

1980
1988

✓ 9. PAINT MIX AND FILTER PRESS AREA:

This is a contained area for mixing of paints for use in our process. Washings are collected in a sump and pumped to a central fiberglass holding tank to await treatment to remove heavy metals before being discharged under NPDES permit #PA0005746. The area is curbed in cement and all floor and drains are sloped to keep from allowing untreated releases to our outfall. The process flow is as follows; washings from pressure pots are pumped to a central sump, washings are agitated to prevent sedimentation, then the solutions are run through a filter press where the solids are removed, the liquid is then transferred to a treatment tank where the soluble heavy metals are removed before discharge. There have been no uncontrolled releases from this operation.

1981

✓ 10. ARSENIC ACID STORAGE:

This is a distribution tank area for when we were using arsenic as a batch material. This area consists of 2 separately enclosed storage tanks and pumping apparatus. The floors are cement and the building around it is of cement block construction. There are no external drains in this area. The area is no longer used since arsenic was discontinued as a batch material. We have made plans for Koppers to come in and buy the arsenic back from us plus we will pay them to purge our system. Once the system is cleaned we will decide whether or not to use it for another batch material. There have been no leaks from this system.

✓ 11. UNDERGROUND WASTE OIL TANK:

This is an 1000 gal. steel tank coated with black asphaltic paint. Its purpose is to hold waste oils skimmed from contact cooling waters. Construction of this SWMU was in 1980. There have been no leaks from this tank. Oil from this tank is purchased by PetroCON of Blawnox, Pa.

2 Tank - 1-1974
2-1980 - 1988

Carbon drums
Rise

12. LIQUID WASTE DRUM STORAGE AREA:

✓
9 This area is a cement floor and cement curb diked area for the storage of drummed liquid wastes. Racks were installed to hold pallets of drums. The area directly below the racks are independently diked. We have a non-drained sump at the low end of the area. There are no external drains in this area. Typical storage is three, 30 gal. drums of spent chromic acid for a maximum of 90 days. There have not been any leaks from this SWMU. Construction of this area was in 1983.

13. PLANT TRASH:

✓
12 We do not have one designated area for disposal of general plant trash. We utilize standard roll-offs and dumpsters to accumulate innocuous waste in five different locations throughout our facility. Plant trash removal is handled by Clarence Blackburn, General hauling and disposal is at landfills located in Washington County, Pa.

Plant Disposition

GENERAL INFORMATION:

In the late 1970's Charleroi Plant of Corning Glass Works had three oil tank leaks. Information is on file with both the Coast Guard and D.E.R. These tanks were replaced in the early 1980's. Any releases were cleaned up in accordance with the two above mentioned agencies guidelines. New tank installation was completed to prevent recurrence of releases such as these.

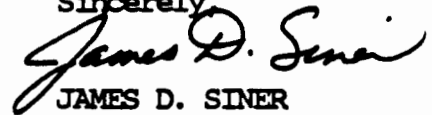
Charleroi Plant at one time operated a small foundry. The foundry was shut down and demolished in 1972. Exact information is on file with P.A.D.E.R. Closure of this facility was performed under existing guidelines. The location was approximately where the Electric Shop is now. (See attachment #1)

It should be mentioned that the grounds on which Corning Glass Works', Charleroi Plant now sit were originally purchased in 1893 by Macbeth Glass. Macbeth Glass was the worlds largest producer of lamp chimneys at that time. In 1895 Macbeth merged with Thomas Evans Co to become Macbeth - Evans Glass Company. In 1916 Macbeth - Evans purchased Hamilton Bottle Works which was located approximately where SWMU #8 is (See attachment #1) Corning eventually purchased Macbeth - Evans in 1936. This information is listed for your benefit. Exact processes of the previous owners are not well documented and therefore impossible to report on accurately. It is hoped that this information will be useful.

I believe the above information satisfies your requirements. If you have any questions or require further information, please contact Gene Gano, Plant Facilities Engineer, at 412-483-6531.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is to the best of my knowledge and belief to be true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of a fine or imprisonment for knowing violations.

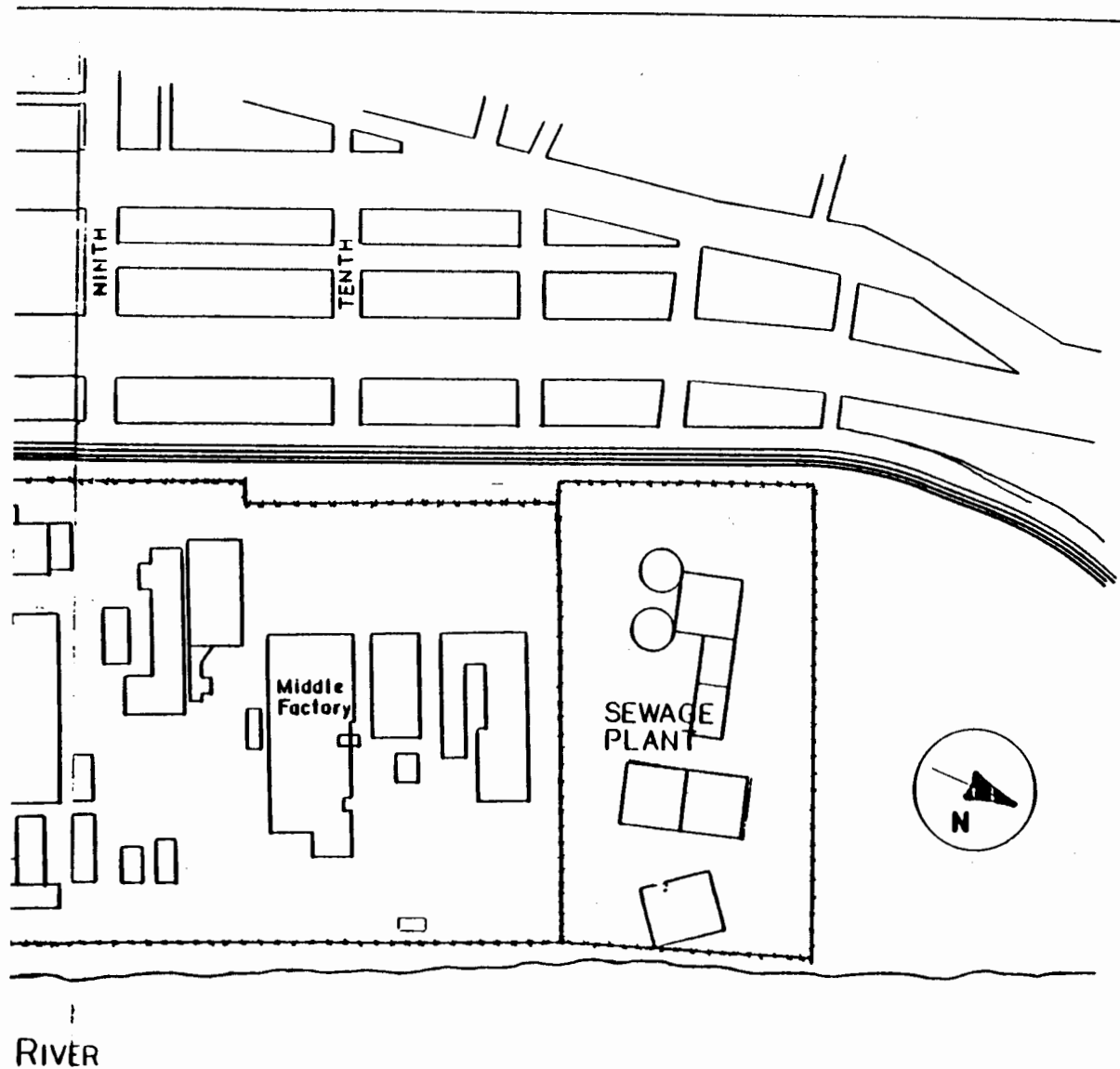
Sincerely,

A handwritten signature in cursive script that reads "James D. Siner". The signature is written in dark ink and is positioned above the printed name and title.

JAMES D. Siner
OPERATIONS MANAGER

CC: MR. JOHN L. CHERILL
MR. G. GENE GANO
MR. CHARLES DURITSA, DER, PITTSBURGH, PA.

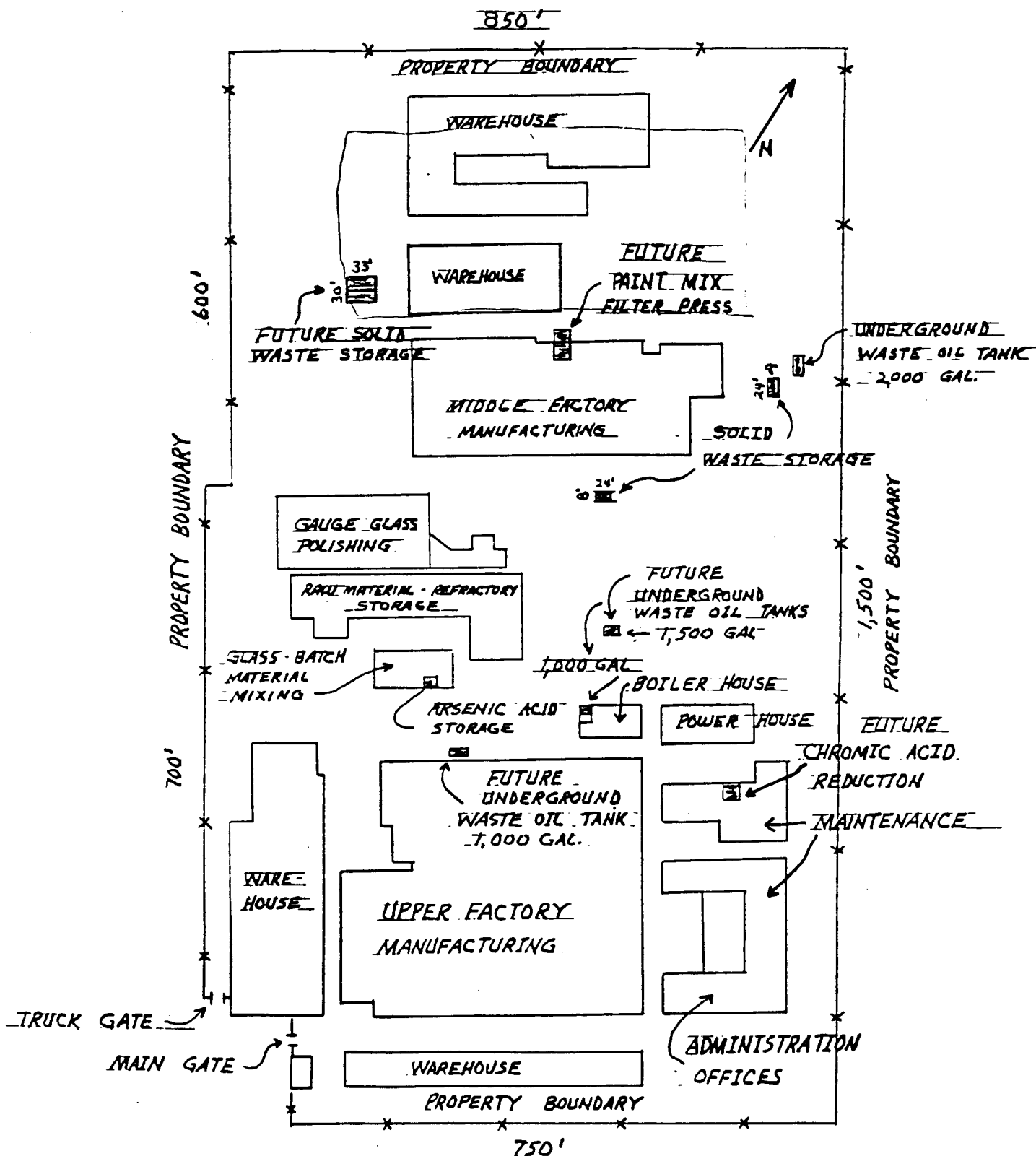
SCALE: 1 INCH = 200 FT



CROSS OUT PROPRIETARY NOTE: IF NOT REQUIRED (Other Proprietary - Any Dimensions from City Inspection Commission in the Record to Corning Glass Works Union Commission of New York)	MACHINE WORK TOLERANCES UNLESS OTHERWISE NOTED DECIMAL DIMS. ± .005 FRACTIONAL DIMS. HOLE LOCATIONS ± .010 OTHERS ± .010 ANGULAR DIMS. ANGLES IN DEGREES ± 10 MIN. ANGLES IN DEGREES MIN ± 5 MIN.	MATERIAL SPEC. NO. REQD. FINISH PATTERN NO. ASSEMBLY NO.	CORNING GLASS WORKS CHARLEROI PLANT CORNING FACILITIES ENG CORNING GLASS WORKS DESIGN CHECK DATE	DATE NO. REVISION DRAWN DATE
			SCALE 1" = 200' 68035-11 A	

ATTACHMENT #3

CORNING GLASS WORKS - CHARLEROI, PA. 15022



SCALE: 1 INCH = 200 FT.

APPENDIX B



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

Bureau of Solid Waste Management
McMurray District Office
3913 Washington Road
McMurray, Pennsylvania 15317
(412) 941-5855

August 7, 1987

NOTICE OF VIOLATION

CERTIFIED MAIL #324 387 390

Corning Glass Works
8th and McKean Avenue
Charleroi, PA 15022

Attention: Jeff S. Yoskosky

RE: Hazardous Waste Inspection
Corning Glass Works
Charleroi
Washington County
EPA I.D. No. 004326542

Dear Mr. Yoskosky:

An inspection of your facility was conducted on July 14, 1987 pursuant to the Pennsylvania Solid Waste Management Act, the Act of July 7, 1980, P.L. 380, No. 97, 35 P.S. §6018.101 et seq., and the Rules and Regulations promulgated thereunder. Requirements of this Act are being enforced by the Pennsylvania Department of Environmental Resources which has received final authorization over hazardous waste activities by the U.S. Environmental Protection Agency. The following violations were noted:

1. Section 75.262(g)(1)(iv) - A generator may accumulate hazardous waste on site without a permit for ninety (90) days or less, provided that on each container each date on which any hazardous waste was placed in that container is clearly marked and visible for inspection. In the chrome-plating area a hood exhaust system removed the mist above the chromic solution dip tank and this condensate is fed into a plastic drum. The drum was not adequately labeled as to contents or starting accumulation date.

To abate this violation, please begin adequately labeling the drum as to contents and initial accumulation date when the drum is placed under the collection system immediately upon receipt of this Notice.

Corning Glass Works

- 3 -

August 7, 1987

all violations of law arising prior to or after the issuance of this letter or the conditions upon which the letter is based, nor shall this letter be construed so as to waive or impair any rights of the Department of Environmental Resources, heretofore or hereafter existing.

This letter shall also not be construed as a final action of the Department of Environmental Resources.

If you have any questions concerning this matter, please feel free to contact me.

Sincerely,

EF/KW

Ed Farrell
Solid Waste Specialist
Bureau of Waste Management
Southwestern Region

EF/kld

Enclosure: Notification Form

cc: Regional File

Chron

K. Watson

M. Watson

J. Haluszczak (2) —

E. Farrell (2)

V. Yantko - BWQM



**COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES**

BUREAU OF WASTE MANAGEMENT
Highland Building
121 South Highland Avenue
Pittsburgh, Pennsylvania 15206-3988
(412) 665-2900 (answers 24 hrs.)

October 23, 1986

Notice of Violation

CERTIFIED MAIL #P 041 011 704

~~CORNING GLASS WORKS~~
Charleroi, PA 15022

Attention: James Seiner

RE: Manifest Violation
EPA I.D. [REDACTED]
Charleroi
Washington County

Dear Mr. Seiner:

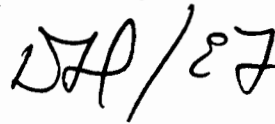
A review of manifests from your facility has been made pursuant to the Pennsylvania Solid Waste Management Act, the Act of July 7, 1980, P.L. 580, No. 97, 35 P.S. Section 6018.101 et seq. and Chapter 75 of the Rules and Regulations of the Department of Environmental Resources. This review revealed the following violations of the Rules and Regulations adopted pursuant to Act 97. Errors were noted on State Manifest Document No. PAB2253974. Item No. 12 was not completed and Item No. 13 contained two different figures. This is a violation of the following sections:

1. Section 75.262(e)(1). A generator who transports, or offers for transportation hazardous waste for off-site treatment, storage, or disposal shall prepare a manifest according to the instructions supplied with the manifest.
2. Section 75.262 (e)(7)(viii). The generator shall provide the following information on each manifest he prepares before the off-site transportation of the manifested waste occurs; the number of containers and container type and the total quantity of the waste by either weight or volume.

October 23, 1986


In order to resolve the above-described violations, the Department will be contacting you in the near future to discuss settlement through payment of appropriate civil penalties. This letter does not waive, either expressly or by implication the power or authority of the Commonwealth of Pennsylvania to prosecute for any and all violations of law arising prior to or after the issuance of this letter or the conditions upon which the letter is based, nor shall this letter be construed so as to waive or impair any rights of the Department of Environmental Resources, heretofore or hereafter existing. This letter shall also not be construed as a final action of the Department of Environmental Resources.

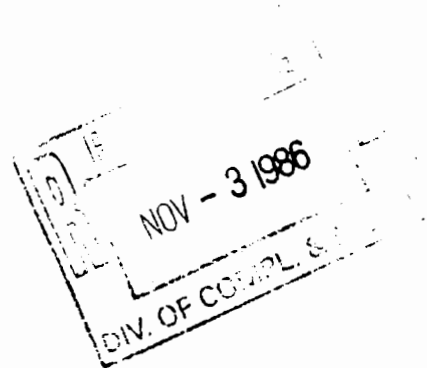
Sincerely,



Ed Farrell
Solid Waste Specialist
Bureau of Waste Management
Southwestern Region

EF/ld

cc: Regional
Chron
Central - Leonard Tritt 
Dan Peterson
Mike Watson
Ed Farrell (2)



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION III

841 Chestnut Building
Philadelphia, Pennsylvania 19107

SUBJECT: RCRA SETTLEMENT AGREEMENT: CORNING GLASS WORKS
PAD 00 432 6542

DATE: 12-30-86

FROM: James Webb, Environmental Engineer
PA RCRA Enforcement Section (3HW11)

TO: File

Peter W. Schaul, Chief *Ken McMill for PWS*
PA RCRA Enforcement Section (3HW11)

BASED UPON REVIEW OF THE RCRA SETTLEMENT AGREEMENT FOR THE FACILITY
REFERENCED ABOVE, I HAVE DETERMINED THAT NO FURTHER ACTION IS REQUIRED
AT THIS TIME.

Penalty: \$500.00 - manifest violation.

Ji



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

BUREAU OF WASTE MANAGEMENT
Highland Building
121 South Highland Avenue
Pittsburgh, Pennsylvania 15206-3988
(412) 665-2900 (answers 24 hrs.)

DER-111
1986 NOV 17 PM 10:04
SOUTHWESTERN REGION

October 31, 1986

CERTIFIED MAIL #P 041 012 004

Corning Glass Works
Charleroi, PA 15022

Attention: G. Gene Gano, II
Plant Environmental Engineer

RE: Incomplete Hazardous Waste
Manifest No. PAB2253974
Corning Glass Works
Washington County
EPA I.D. No. PAD004326542

Dear Mr. Gano:

Enclosed are three (3) copies of a Letter-Agreement in settlement of violations of the Pennsylvania Solid Waste Management Act, the Act of July 7, 1980, P.L. 380, No. 97, 35 P.S. §6018.101 et seq. ("SWMA"), which occurred on June 4, 1986.

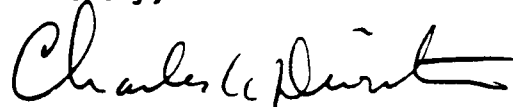
If you elect to accept this offer, please sign all three (3) copies and return them to this office within ten (10) days of your receipt thereof. You will receive an executed copy for your records after the document is signed on behalf of the Department of Environmental Resources. The facts of the matter and the terms of the settlement are as follows:

1. Corning Glass Works is a facility which generates hazardous wastes and is assigned EPA I.D. No. PAD004326542.
2. Alchem-Tron, Inc. is authorized to transport hazardous waste in Pennsylvania pursuant to Hazardous Waste Transporter License No. PA-AH0012.
3. On June 4, 1986, Corning Glass Works generated a shipment of hazardous waste which was accepted and transported by Alchem-Tron, Inc. This shipment of hazardous waste was accompanied by Manifest No. PAB2253974.
4. The manifest described above was incomplete in that the number of containers was not specified and two different numbers were shown for total quantity.
5. The actions described in Paragraphs 3 and 4 above constitute violations of 25 Pa. Code §75.262(e)(7)(viii) and Section 403(b)(5) of the SWMA, supra, 35 P.S. §6018.403(b)(5).

October 31, 1986

6. In settlement of all claims for monetary penalties assessable against Corning Glass Works, pursuant to Section 605 of the SWMA, supra, for the violations described in Paragraphs 3 and 4 above, Corning Glass Works agrees to pay five hundred dollars (\$500.00). This sum is a figure for settlement purposes only as set forth herein, and shall be due and payable upon execution of this Letter-Agreement. Said payment shall be submitted to the Department together with the signed copies of this Letter-Agreement and shall be in the form of a certified check or the like made payable to "Commonwealth of Pennsylvania, Solid Waste Abatement Fund" and shall be forwarded to Charles A. Duritsa, Regional Manager, Bureau of Waste Management, Department of Environmental Resources, 121 S. Highland Avenue, Pittsburgh, PA 15206-3988.
7. In consideration of the above payment, the Department agrees not to initiate any action pursuant to Section 605 of the SWMA, supra, for the violations of the SWMA, supra, which occurred on June 4, 1986 as described in Paragraphs 3 and 4 above. Nothing in this Letter-Agreement shall be construed to relieve Corning Glass Works from any future liability for environmental damages which results from any activity described herein.

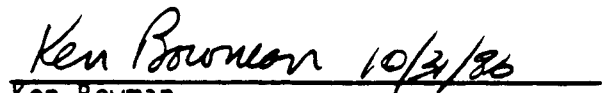
Sincerely,



Charles A. Duritsa
Regional Manager
Bureau of Waste Management
Southwestern Regional Office

Approved as to form and legality

3


Ken Bowman
Assistant Counsel

October 31, 1986

FOR CORNING GLASS WORKS

The undersigned states, subject to penalties of 18 Pa. C.S. §4904 relating to unsworn falsification to authority, that he/she is authorized to execute this Letter-Agreement on behalf of Corning Glass Works.

James D. Siner
Signature

Plant Manager
Title

FOR THE DEPARTMENT OF ENVIRONMENTAL
RESOURCES

The terms of this Letter-Agreement are hereby consented and agreed to for the DER.

Charles A. Duritsa 11/21/86
Charles A. Duritsa
Regional Manager
Bureau of Waste Management

Ken Bowman 11/25/86
Ken Bowman
Assistant Counsel

3
CAD/MW/kw

Enclosures

cc: County
Region
Ken Bowman
L. Tritt, CO
Mike Watson
Ed Farrell

CORNING GLASS WORKS
CHARLOTTE, PA 15022

22 0099 8644

500

DCI-30865-39

PAY TO THE ORDER OF COMMONWEALTH OF PENNSYLVANIA SOLID WASTE ABATEMENT FUND c/o Charles A. Durista, Reg. Mgr. 121 S. Highland Avenue Pittsburgh, PA 15206-3988		DATE 11/13/86 (GOOD 6 MONTHS FROM ABOVE DATE)	CONTROL NUMBER 00648	ITEM QUANTITY UNIT PRICE AMOUNT	AMOUNT \$ 500.00 FERTILIZER TAX OTHER SALES TAX SUB TOTAL \$ 500.00 TAX (STATE & LOCAL) \$ 500.00
PURCHASE ORDER DRAFT ACCOUNT <i>M. A. Dwyer</i>		FIVE HUNDRED AND NO/00-----		500.00	
NOT VALID FOR MORE THAN \$2000.00					

Tax Exempt Direct Payment Permit
00160

same
412-489-2212

DCI-30865-39

CI008630865

11/13/86	11/13/86	Net	N/A	N/A
----------	----------	-----	-----	-----

Penalty of \$500.00 for violation of "SWMA" section 605

CROSS ANNOTATION
 PAYMENT REQUIRED BELOW

DEC 17 1986
 SUBMISSION REGION

1. Payment by check or money order to the order of the Commonwealth of Pennsylvania.
 2. After payment is made, the check or money order must be presented to the order of the Commonwealth of Pennsylvania.
 3. In the event of a check or money order, the check or money order must be presented to the order of the Commonwealth of Pennsylvania.
 4. In the event of a check or money order, the check or money order must be presented to the order of the Commonwealth of Pennsylvania.
 5. In the event of a check or money order, the check or money order must be presented to the order of the Commonwealth of Pennsylvania.

ORIGINAL

APPENDIX C

CORNING GLASS WORKS

CHARLEROI PLANT

P P C & S P C C P L A N

April 1, 1987

PREPAREDNESS, PREVENTION AND CONTINGENCY PLAN
FOR CORNING GLASS WORKS
CHARLEROI PLANT

I. General

The Charleroi Plant of Corning Glass Works is located on the west bank of the Monongahela River (as show on the attached USGS map of the Brownsville quadrangle, Appendix I). The plant is engaged in the manufacture of various consumer-type products such as tableware and kitchenware.

Topography at the plant site is relatively flat with gentle slope towards the Monongahela River. See Appendix excerpt from USGS map.

It is anticipated that should any spills occur, they would tend to flow in the direction of the Monongahela River or into the storm drainage system at the site which discharges into the Monongahela River.

An inventory is maintained for all liquid chemicals and fuels at the site.

II. Organization Structure for Implementation of the PPC Plan

The Plant Facilities Engineer has prime responsibility for the implementation of the provisions of the PPC Plan. The other "team" members, (employees of the Charleroi Plant) shall assist the Plant Facilities Engineer in the implementation.

- a. Jeff Yoskosky, Plant Facilities - Ext. 272
- b. John P. Helfenstein, Supv. Engr. - Ext. 169
- c. John W. Bickel, Plant Mfg. Eng. - Ext. 204
- d. Richard G. Pudliner - Supv. Plant Maint. - Ext. 268

The responsibilities of the above "team" are to maintain current knowledge of all the materials and wastes in the plant, their location, the potential spill sources, awareness of the spill reporting procedure, conduct periodic visual inspections and review of past incidents, spills and countermeasure plans. They are also responsible for spill clean-up, notification to proper authorities and coordinating an ongoing training program for key plant personnel.

III. Material and Waste Inventory

All of the raw materials used in the glass batch, except for liquid arsenic acid, are received, stored and transported in a dry solid condition.

In addition to the arsenic acid, other liquids used in the plant are received and stored as follows:

A. Arsenic Acid

The storage and use of liquid arsenic acid is limited to the area in and around the Batch Mixhouse building.

The acid is delivered by tank truck and transferred into two 4,000 gallon, fiberglass storage tanks which are located in a concrete, block isolation room with a raised entrance/exit. The storage capacity of the room is adequate to hold the entire contents of the tanks and piping. The area in which the truck unloads has no storm sewers.

The acid is pumped from the storage tanks into a pressure transfer tank which transfers the acid by air pressure directly into the batch mixer. The transfer process is automatically controlled and the pumps and transfer tank are also located in the room with the storage tanks for spill protection. The tank is pressurized only when necessary.

The arsenic acid storage room is equipped with a level alarm in case of a spill and the area is checked by the Mixing Department supervisor or group leader twice per day.

B. Ethylene Glycol

Ethylene Glycol is received in 55 gallon steel drums; a maximum of 20 drums are stored in the liquid storage area in Building 20. The ethylene glycol is transferred by fork truck to the points of use. One barrel is located in the Tank 6 area where it is used for a lubricant on the presses, and one barrel is kept in the Truck Shop where it is used for cooling system antifreeze.

C. Ceramic Coatings

These materials are delivered in 5 gallon containers on pallets having a maximum of 24 containers per pallet. A pallet of the material is transferred from Building 86, where it is stored, to the Paint Mix Room in Middle Factory, Building 86, by hand truck. Building 86 is not equipped with storm sewers in the area in which the paint is stored. This transfer is done on a shift basis by the Paint Mix Room Operator.

The liquid coating is poured from the five gallon containers into 30-50 gallon pressure containers, and otherwise prepared for use in the Paint Mix Room.

A spill of the coating material in the Paint Mix Room would drain into a floor sump which discharges into a chemical treatment system designed to remove the coating material before it can be discharged. The treatment system has provisions for chemical addition and mixing and filtration to remove the material in a solid form.

D. Cleaning and Plating Solutions

There is a small chrome plating operation located in Building 22 of the Manufacturing Facility which has the following solution tanks:

- | | |
|-----------------------|---|
| 1. Rinse Tanks (4) | - 90 gallon hot water |
| 2. Chrome Plating (2) | - 150 gallon chromic acid |
| 3. Stripping (1) | - 160 gallon proprietary alkaline cleaning compound |
| 4. Oakite Soak (1) | - 190 gallon oakite detergent degreaser |
| 5. Nickel Plating (1) | - 140 gallon plating solution |
| 6. Acid Etch Tank | - 90 gallon dilute hydrochloric acid |

Any leakage would flow to the floor trench in the Chrome Plating Room which discharges to a 200 gallon collection sump. The collected liquid is transferred to a 550 gallon polyethylene tank where the hexavalent chrome is reduced by reaction with sodium hydrosulfite. The sodium hydrosulfite is stored and manually added to the reaction tank as a solid. After the chrome is reduced, the liquid is discharged to the main outfall at a controlled rate.

E. Machinery Lubricating Oils

Most types of the machinery lubricating oils used on the site are delivered by truck in 55 gallon drums. The hydraulic oil, however, is received in 2,600 gallon bulk deliveries from a tank truck. There is an area in the Storeroom Annex which has been specially constructed for the storage of these oils. A 4,000 gallon tank is provided for the hydraulic oil and approximately 1,000 additional square feet of floor space is provided for the 40-60 drums of other types of lubricating oils which are stored. The area is curbed to provide containment for 4,500 gallons if a spill was to occur, so that no oil would be discharged. When the bulk shipment is being delivered, the driver stays by the pumper to monitor the clamps and pipes in case of a leak. This will limit the chance of a spill reaching storm sewers located approximately 50 feet from unloading zone.

Drums of lubricating oil may be located on the manufacturing floor for dispensing at the point of use. Any spills on the manufacturing floor would be discharged into the cave, cooling water, trench systems which are equipped with oil separation tanks and skimmers to remove the oil from the water before it is discharged to the Monongahela River.

F. Fuel Storage

On-site storage is provided for No. 2 fuel oil and gasoline.

Fuel oil storage tanks are located in two areas. Three 30,000 gallon steel tanks are located just north of Building 64 and are installed within a concrete basin, underground. The fuel oil is delivered by tank truck and is used for a stand-by fuel source during natural gas curtailments. Any leakage from these tanks would be completely contained by the concrete basin, and would be directed in the storm water collection sump located within the basin. The collection sump is inspected daily along with the complete oil distribution piping system.

Two 20,000 gallon tanks are located east of the 30,000 gallon tanks across the main roadway through the site. These tanks are also installed underground and receive the oil by tank truck. A concrete dike is provided above the tanks to contain any spillage resulting from overflow or piping leaks in the area. Leakage from these tanks would be detected by the daily inventory of the tank level versus oil consumption.

A single 2,000 gallon tank is installed underground adjacent to the two 20,000 gallon oil tanks. This storage is used for gasoline only. The deliveries are by tank truck and the fill connection is located along with those for the 20,000 gallon tanks, within the diked area. Leakage from this tank would be detected from the inventory records. This dispensing pump is equipped with a nozzle that must be hand held at all times when fuel is being discharged.

- G. Waste oil is skimmed from process water in two locations; in the cave area of Building 101 and on the east end of Middle Factory. Before process water is allowed to enter the outfalls to the Monongahela River, in outfall 004 and 008, the water passes through a baffled cement pit. In this pit an oil skimmer removes oil from the surface of the water and deposits it in a 1000 gallon tank. The tanks are enclosed in a cement dike that is large enough to handle leaks or a complete failure of the tank. Tanks and pipes are inspected daily for leaks and level of the tanks. Once the tanks reach three-quarters full, Petro-Con is contacted and the tanks are pumped and the oil is refined by Petro-Con.

IV. Material Compatibility

Special consideration was given to the selection of materials of construction for all tanks, containers, pipes, etc. with regard to compatibility and corrosion with the raw and waste materials stored or conveyed. There will be no mixing of the raw or waste materials. Drums or containers will be thoroughly cleaned prior to reuse.

V. Inspection and Monitoring Program

Daily inventories are conducted on all storage tanks throughout the plant. Once per month, one or more of the "team" members will inspect the storage and handling areas in the plant for leaks, spills, evidence of corrosion, damage to tanks, drums, piping, etc.

During production, equipment failure would result in interruptions of the process. Therefore, a maintenance department employee is on call continuously. The production superintendent has direct responsibility for production during daytime operation and is advised of potential failures or failures by department supervisors. A shift supervisor provides similar control during the night shift.

The employees responsible for the operation of the waste treatment equipment are on duty sixteen hours per day. Their main function is the operation and maintenance of the pollution control system in the facility.

VI. Preventative Maintenance

The plant has an ongoing overall preventative maintenance program that encompasses all aspects of the plant's operation. The equipment and systems described herein, such as storage tanks, pipes, pumps, oil skimmers, filters, etc., are part of this ongoing preventative maintenance program to ensure continued operation of these items and minimize breakdowns which would lead to spills and/or pollutant discharges.

Basically, the preventative maintenance program includes periodic: a) inspection of the equipment; b) evaluation of its performance; c) repair and replacement of worn parts; and d) documenting what was done.

VII. Housekeeping Program

The plant also has an ongoing housekeeping program that addresses all areas of the plant and pertains not only to the manufacturing areas but also to the storage of raw materials, chemicals and waste materials. These areas are maintained in a neat and orderly manner.

The solid waste materials are stored in a solid waste storage building and are hauled away periodically by Alchemtron or CECOS, approved haulers.

The waste oils are stored in various below-ground waste oil storage tanks and are periodically emptied by Petrocon, an approved hauler.

VIII. Security

The entire plant property is protected by a security fence. All entrances are controlled by guards on a 24-hour basis.

IX. External Factors

In the event of power failures, strikes, floods, etc. the plant will operate under an "emergency status" designed to minimize risk and danger to people and property both within and outside the plant. There is an emergency action plan which details all activities during such situations.

X. Internal and External Communications

After identifying an emergency situation, such as a spill, most communications both within and outside the plant are conducted by telephone. Some systems do have automatic high level alarms which would be the first warning of an impending incident or emergency. However, the main source of alarms and communications will be by observation of events pertaining to danger and emergency by employees working in the facility at the time.

XI. Employee Training Program

Employees have been advised to notify their supervisor of any conditions which they expect to result in a pollution incident. Briefings are given at the monthly safety meetings on pollution prevention and spill clean-up and containment procedures. In addition, other aspects of the PPC plan, such as preventative maintenance, and inspection and monitoring are included in employee training and briefing.

XII. List of Emergency Coordinators

In case of an emergency, one of the following people will be contacted to carry out the duties of the emergency coordinator.

Jeff Yoskosky (Primary Coordinator)

Address: RD 4
Belle Vernon, Pa. 15012

Office Phone No. 272
Home Phone No. (412)929-9221

John Helfenstein

Address: 253 Castner Ave.
Donora, Pa. 15033

Office Phone No. 169
Home Phone No. (412)379-4885

John Bickel

Address: 217 McNary St.
McMurray, Pa. 15317

Office Phone No. 204
Home Phone No. (412)941-1912

Rick Pudliner

Address: 600 Fifth St.
Charleroi, Pa. 15022

Office Phone No. 268
Home Phone No. (412)483-6024

XIII. Duties & Responsibilities of the Emergency Coordinator

The emergency coordinator is responsible for completing all of the following actions in case of an emergency. Notify the Environment Control Department at CGW headquarters (Corning, N.Y.), notify Pennsylvania DER and other regulatory agencies, assess the problem and utilize plant and/or outside resources to alleviate problems. These include, but are not limited to containment, clean-up, storing, disposing, maintenance and repair, and submittal of a written report.

XIV. Chain of Command

All department heads receive a copy of this document. They will be contacted by the Plant Facilities Engineer in the development of possible pollution incidents and contingency plans.

In case of an actual pollution incident, employees have been instructed to notify their department head who contacts the Production Superintendent or Plant Manufacturing Engineer or the Facilities Engineer who then notifies the proper corporate representative(s) and the regulatory agencies.

XV. List of Agencies to be Notified

The following is a list of the agencies that might be notified in the event of an emergency or spill. (The ones to be notified will be determined by the Environmental Control Department in Corning, N. Y., and the emergency coordinator.)

Pennsylvania DER - Pittsburgh Office	Tele. No. (412) 665-2900
Pennsylvania DER - Harrisburg Office	Tele. No. (717) 787-4343
Pennsylvania Fish Commission	Tele. No. (814) 445-8974
The National Response Center	Tele. No. (800) 424-8802
Charleroi Police Department	Tele. No. (412) 483-6507 or 483-5611
Charleroi Fire Department	Tele. No. (412) 483-4411
Charleroi Municipal Water Dept.	Tele. No. (412) 483-3585
U.S. Coast Guard	Tele. No. (412) 644-5806

XVI. Emergency Equipment

The plant is currently equipped with an automatic fire protection sprinkler system. In case of oil spills, a containment boom and a supply of sorbent pads are kept on hand. For other chemicals, various portable pumps and tanks are available for clean-up, including a skid-mounted pump and tank.

XVII. Evacuation Plan for Plant Personnel

The plant has in effect an evacuation plan in case of fire or extreme emergencies. Fire drills are conducted periodically to maintain preparedness.

XVIII. Emergency Response Contractors

The plant's available resources to deal with pollution emergencies minimize the need for a large list of emergency response contractors. Should the plant need additional support in manpower or equipment, the Purchasing Department maintains a list of contractors which is updated annually.

XIX. Agreements with State & Local Emergency Response Teams & Hospitals

The Monongahela Valley Hospital is only five miles from the plant. The Monessen Ambulance Service, which also has a branch in Charleroi, provides the plant with a ten minute or less response to a telephone call from the Plant Dispensary, Gate or Supervisors. The Plant Nurse, Guard, and Shift Supervisor are all Red Cross trained in First Aid. For severe emergencies, the "Life Flight" helicopter ambulance can land in the Middle Factory parking lot to receive a victim for transport to one of the Pittsburgh hospitals.

XX. Pollution Incident History

1. On January 13, 1982, a small quantity of fuel oil estimated at less than 10 gallons was discovered in the Monongahela River at Outfall 007. The oil most likely came from a sump near the old fuel oil tanks from an accumulation of small spills from when the fill connections were outboard of the containment dike around the fuel oil tanks. As part of the recently completed NPDES Wastewater Pollution Control Program, the fill connections were enclosed in the new dike around the storage tanks.

Use of the oil from these tanks was immediately curtailed after discovering the oil spill. However, the plant intends to start using the oil again in March 1982 and will very closely monitor for leaks or spills at that time.

2. During the week of December 10, 1979, an oil sheen was noticed on the Monongahela River around the vicinity of Outfalls 004 and 008. The U.S. Coast Guard, the PA DER, and Corning Glass Works personnel met on several occasions during the week to try to resolve where the oil was leaking from, and what to do about containment and clean-up. The leak was most likely coming from under the oil booms installed in the Monongahela River around Outfalls 004 and 008. Corning followed the recommendations of PA DER and has been using Dica-Lite solvent granular material, as necessary, to remove the oil contained in the booms.

3. On August 31, 1979, a hydraulic line rupture resulted in a discharge of 100-150 gallons of oil onto the cellar floor below the Middle Factory Melting Tank. The oil and cullet cooling water flowed into a collection sump. Normally, 100-150 GPM of water are pumped from this sump into an oil separation tank. At that time, however, the flow was unusually high since the operations were being started-up after a 2 week shut-down. Consequently, the oily water overflowed the retention baffles in the skimmer and was discharged into the river.
4. On June 17, 1979, a discharge of approximately 25 gallons of fuel oil was discovered. The discharge resulted from a leak in an underground distribution line.

Corrective actions were taken immediately in all of the above pollution incidents. The oil separation system in Middle Factory has now been redesigned so that the flows of non-contact water are not directed through the separator which provides more separation time for the contact waters which are potential oil spill sources. The section of underground line which failed in the second incident was replaced.

SECTION III

SPILL PREVENTION CONTROL AND COUNTERMEASURE PLAN

PURPOSE: This standard operating instruction establishes a procedure to be followed in the event any oil or hazardous material should spill which would enter inland water, tributaries or watersheds feeding these tributaries.

1. Definitions:

- A. Oil - Means any POL product or mixture containing a POL product.
- B. POL - Means Petroleum, Oil, Lubricants.

2. Equipment Available:

- A. Absorb-All - Storeroom
- B. Rags - Storeroom
- C. Brooms - Storeroom
- D. Buckets and Pails - Middle Factory Paint Mix Room
- E. Empty 55 Gallon Drums - Storage Yard-Center Parking Area
- F. Sump Pump and Hoses - Labor Gang Storage
- G. Containment Boom - Storeroom Annex (Gage Glass Carton Area)
- H. Absorption Boom (10' Lengths) - Storeroom Annex (same as above)
- I. Absorption Padding - Storeroom Annex (same as above)

3. Notification In The Event Of A Spill

- A. Plant Facilities Engineer - Ext. 272 or residence
- B. Plant Manufacturing Engineer - Ext. 204 or residence
- C. Supervisor of Trades - Ext. 268 or residence

Plant Facilities Engineer will then contact the following:

Highest Priority - 1st call

National Response Center - 800-424-8802

EPA - EPA Regional Office - Philadelphia - 215-597-9898

PA-DER - Harrisburg Office - 717-787-4343

PA-DER - Department of Environmental Resources

Bureau of Water Quality Management

Highland Building

121 S. Highland Ave.

Pittsburgh, Pa. 15206 - 412-665-2900

Corning, New York - John Cherill - 607-974-6398 - Home - 607-962-5506

or

Tony Gallo - 607-974-6411 - Home - 607-562-8238

4. Spill Containment Procedures:

A. Ground Spills:

1. Contain spill to ground. Do not allow it to reach a sewer.

Use Absorb-All, rags, bucket and etc.

2. Utilize payloader for spreading absorbing materials, as needed.

B. River Spills:

1. Install containment boom immediately.
2. Follow with absorption boom.
3. Utilize absorption padding for clean-up inside booms.

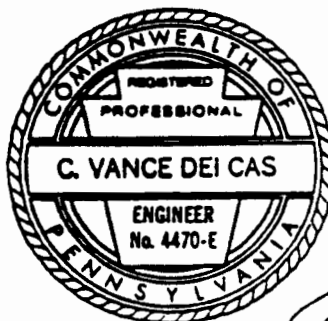
4. Recommended clean-up company: AMO Pollution Services
412-921-8486 or 331-5350

5. History of Spill:

A. Logbook:

1. Maintain a logbook - what happened
when
where
who was contacted
when
what actions were taken
what surveillance was performed
etc.
2. Do EPA Report right away - do not wait - you may forget something.

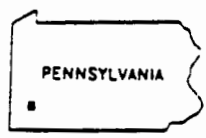
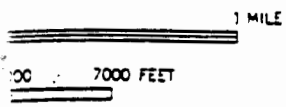
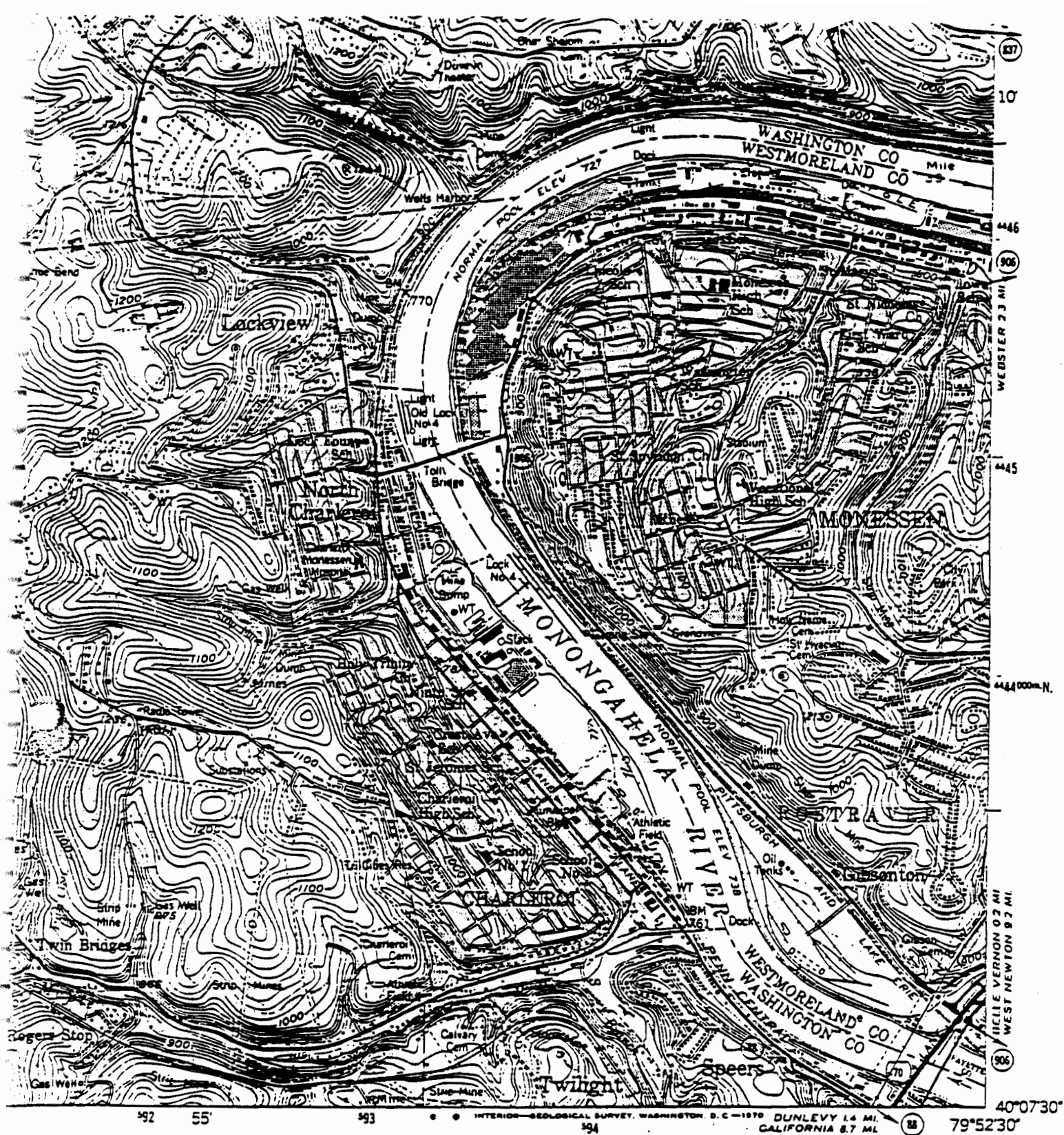
- B. Recurrence - Keep Corning, New York informed and seek guidance and advice - often.



Prepared by:

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Jeff Yoskosky
Facilities Engineer
Charleroi Plant
Corning Glass Works

C. Vance Dei Cas



QUADRANGLE LOCATION

ROAD CLASSIFICATION

Heavy-duty _____ Light-duty _____
 Medium-duty _____ Unimproved dirt _____

U. S. Route State Route
 Interstate Route

MONONGAHELA, PA.

NW/4 BROWNVILLE 15' QUADRANGLE

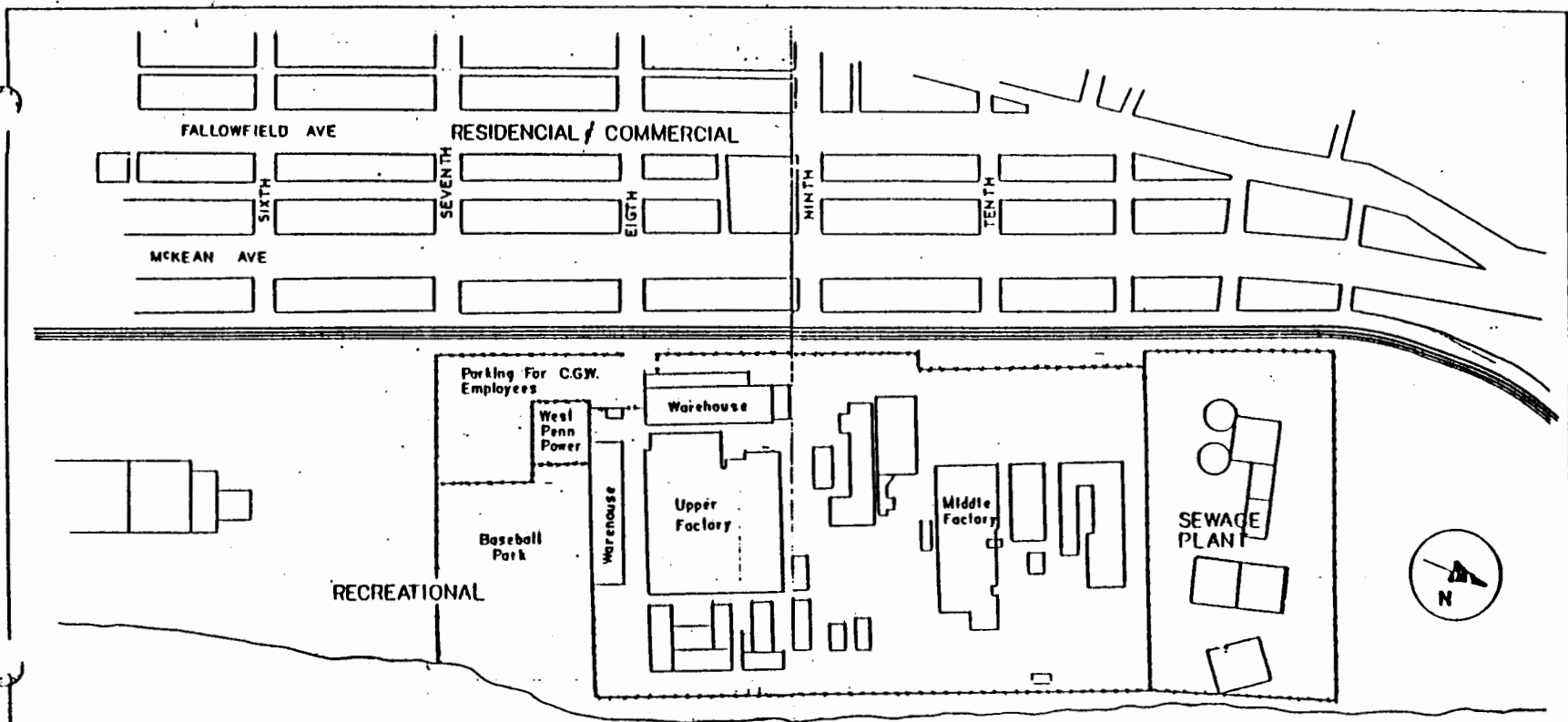
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AMS 5064 IN NW-SERIES V831

RDS
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 E ON REQUEST



MONONGHELA RIVER

CORNING GLASS WORKS CHARLEVOIX PLANT	
CORNING FACILITIES ENG	
CORNING GLASS WORKS	68035-11A
DATE: 7/24/77 DRAWN BY: JPA CHECKED BY: JPA APPROVED BY: JPA	PROJECT NO.: DRAWING NO.: SHEET NO.: TOTAL SHEETS:

